SONY. **SERVICE MANUAL**

BG-1S CHASSIS

MODEL

COMMANDER DEST.

CHASSIS NO.

MODEL

COMMANDER DEST.

CHASSIS NO.

KV-2168MT

RM-870 Thailand

SCC-J38D-A

KV-2169MW RM-870 Thailand

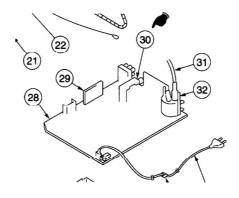
SCC-J38B-A

SUBJECT: PART CHANGE

File this supplement with the Service Manual.

SECTION 6 EXPLODED VIEWS

6-1. CHASSIS (see page 41, 42)



REF. NO. PART NO.

DESCRIPTION

REMARK



30 A 8-598-323-30 TUNER, VSS BT-AG401

SECTION 7 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

- Items marked " * " are not stocked since they All resistors are in ohms are seldom required for routine service. Some delay should be anticipated when ordering these items.
- · All variable and adjustable resistors have characteristic curve B, unless otherwise COILS noted.
- · F: nonflammable

CAPACITORS

• MF: μF, PF: μμF

• MMH : mH, UH : μH

(See page 50)

REF. NO. PART NO.

DESCRIPTION

REMARK

TU101 △ 8-598-323-30 TUNER, VSS BT-AG401

(See page 54)

MISCELLANEOUS

REF. NO. PART NO.

DESCRIPTION

REMARK

▲ 8-598-323-30 TUNER, VSS BT-AG401

SERVICE MANUAL

BG-1S CHASSIS

MODEL

COMMANDER DEST.

CHASSIS NO.

COMMANDER DEST. CHASSIS NO.

KV-T25MN8

RM-870 Hong Kong

SCC-J16H-A

KV-T25MN81 RM-870 GE

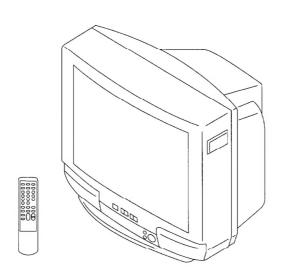
SCC-J40Q-A

KV-T25SF8

RM-870 Australia

SCC-J99C-A

KV-T25SF81 RM-870 New Zealand SCC-K37C-A







KV-G25M1/G25M11

SPECIFICATIONS

		Note
Power requirements	110-240 V AC, 50/60 Hz	
Power consumption (W)	Indicated on the rear of the TV	
Television system	B/G, I, D/K, M	
Color system	PAL, PAL 60, SECAM, NTSC4.43, NTSC3.58	
Channel coverage		
B/G	VHF: E2 to E12 / UHF: E21 to E69 / CATV: S01 to S03, S1 to S41	
1	UHF: B21 to B68 / CATV: S01 to S03, S1 to S41	
D/K	VHF : C1 to C12, R1 to R12 / UHF : C13 to C57, R21 to R60 /	
	CATV: S01 to S03, S1 to S41, Z1 to Z39	KV-G25M11
	VHF: R1 to R12 / UHF: R21 to R60 / CATV: S01 to S03, S1 to S41	except KV-G25M11
M	VHF: A2 to A13 / UHF: A14 to A79/	
	CATV : A-8 to A-2, A to W+4, W+6 to W+8	KV-G25M11
	VHF: A2 to A13 / UHF: A14 to A79 /	
	CATV : A-8 to A-1, A to D, F to W+21, W+23 to W+84	except KV-G25M11
Audio output (speaker)	5W	
Inputs	Antenna: 75 ohms	
	VIDEO IN jacks: phono jacks	
	Video: 1 Vp-p, 75 ohms	
	Audio: 500 mVrms, high impedance	
Outputs	Earphone jack: minijack	
	MONITOR OUT jacks: phono jacks	
	Video: 1 Vp-p, 75 ohms	
	Audio: 500 mVrms	
Picture tube	25 in.	
Tube size (cm)	64	Measured diagonally
Screen size (cm)	60	Measured diagonally
Dimensions (w/h/d, mm)	613 × 542 × 472	
Mass (kg)	32	

Design and specifications are subject to change without notice.

CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

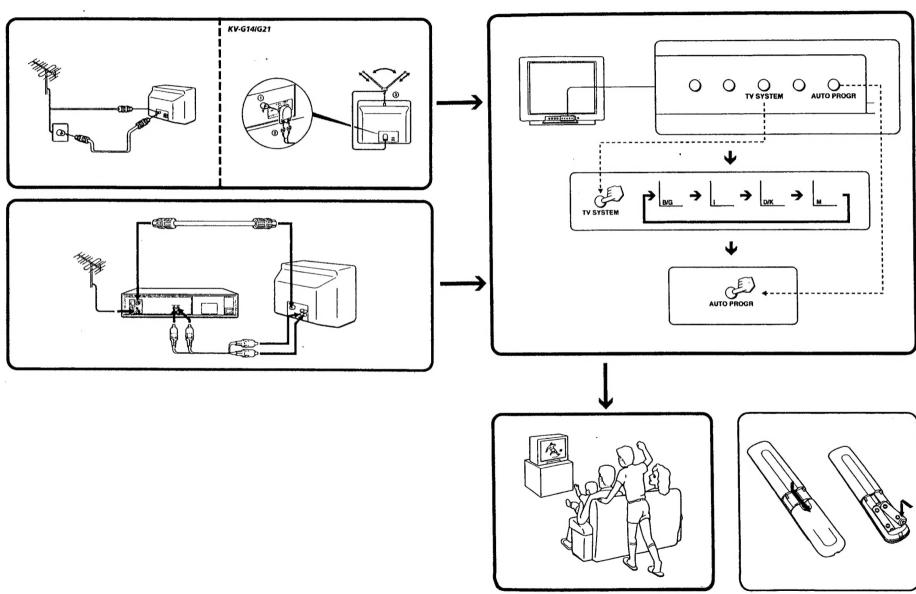
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK A ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

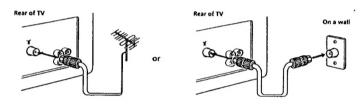
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The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.



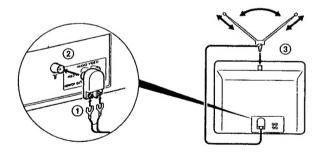
4



Connecting an indoor antenna

■ KV-G14/G21

S



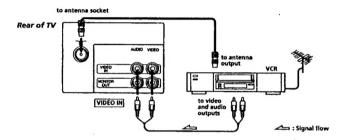
You are advised to use an outdoor antenna for better reception.

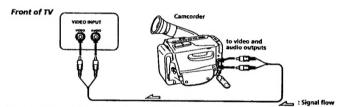
4-EN | Getting Started

Connecting optional equipment

You can connect optional audio/video equipment to your TV such as a VCR, multi disc player, camcorder, or video

Connecting video equipment using VIDEO IN jacks

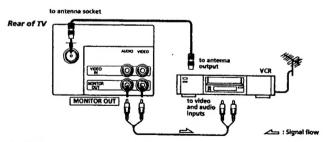




When using the video input jacks

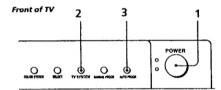
Do not connect video equipment to the VIDEO input jacks at the front and the rear of your TV simultaneously; otherwise the picture will not be displayed properly on the screen.

Connecting audio/video equipment using MONITOR OUT jacks



When recording through the MONITOR OUT jacks If you change the channel or video input while recording with a VCR, the channel or video input you are recording also will be changed.

You can preset up to 80 TV channels in numerical sequence from program position 1.



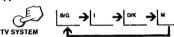
1 Press POWER.

O

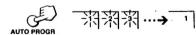


When the TV is in standby mode after pressing POWER, press POWER on the remote commander.

2 Press TV SYSTEM until your local TV system



3 Press AUTO PROGR



To start presetting channels automatically from the specified program position

- 1 Press MANUAL PROGR.
- 2 Press TV SYSTEM to select your local TV system.
- 3 Press PROGR +/- to select the program position.
- 4 Press AUTO PROGR.

F-EN | Setting Started

To change the channel for a particular program position or to receive a channel with a weak signal, preset the channel manually.

- 1 Press MANUAL PROGR.
- 2 Press PROGR +/- until the required program position appears on the screen.
- 3 Press TV SYSTEM until your local TV system appears.
- 4 Press VOLUME +/- on the TV until the required channel picture appears on the screen.
- 5 Press MANUAL PROGR.

If the TV system is not properly selected

The color of the picture may be poor and/or the sound may be noisy. In this case, select the appropriate TV

- 1 Press PROGR +/- to select the program position.
- 2 Press TV SYSTEM until the picture and sound become normal.

Notes

- . If you do not know your local TV system, consult your nearest authorized service center or dealer.
- . The setting of the TV SYSTEM is memorized for each program position.

Disabling program positions

By disabling unused or unwanted program positions, you can skip those positions when you press PROGR +/-.

- 1 Press PROGR +/- until the unused or unwanted program position appears on the screen.
- 2 Press MANUAL PROGR.
- 3 Press PIC MODE on the remote commander.
- 4 Press MANUAL PROGR.

To cancel the skip setting

Preset the channel manually or automatically again.

Watching the TV

1 Press POWER to turn the TV on.



When the TV is in standby mode after pressing POWER, press POWER on the remote commander.

2 Select the TV channel you want to watch.

To select a channel directly

Press a number button



To select a two-digit channel, press "-/--" before the number buttons.

For example: to select channel 25, press "-/--," and then "2" and "5."



To scan through channels

Press PROGR +/- until the channel you want appears.



3 Press VOL +/- to adjust the volume.



Switching off the TV

To switch off the TV temporarily, press POWER on the remote commander.

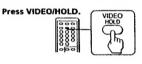


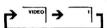
To switch off the TV completely, press POWER on the

If the power on the TV is turned off in standby mode. the STANDBY indicator may remain alight for a while.



Watching the video input



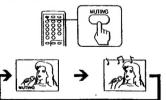


To watch TV, press TV.



Muting the sound

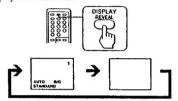
Press MUTING.



Displaying on-screen information

Press DISPLAY/REVEAL.

The program position, local system, and TV settings are displayed on the screen.

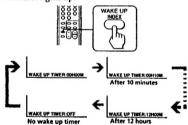


Setting the Wake Up Timer

You can set the TV to turn on automatically after the period of time you want.

1 Press WAKE UP/INDEX repeatedly to set the

The on-screen display appears and the WAKE UP indicator lights up



- 2 If you want a particular TV program or video input to be displayed using the Wake Up Timer, select the TV program or video mode.
- 3 Press POWER on the remote commander or set the Sleep Timer to turn off the TV in standby mode.

To cancel the Wake Up Timer, press WAKE UP/INDEX repeatedly until "WAKE UP TIMER: OFF" appears, or turn off the main power of the TV.

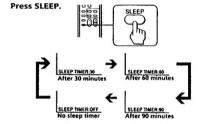
 The Wake Up Timer starts immediately after the on-screen display disappears.

R-EN | Operations

- . The last TV program position or video mode just before the TV turns into Standby mode will appear when the TV turns on using the Wake Up Timer.
- If no buttons or controls are pressed for more than two hours after the TV is turned on using the Wake Up Timer, the TV automatically turns into standby mode. When you want to continue watching the TV, press any button or control on the TV or remote commander.

Setting the Sleep Timer

You can set the TV to turn off automatically after the period of time you want.



To cancel the Sleep Timer, press SLEEP repeatedly until "SLEEP TIMER: OFF" appears, or turn the TV off.

Changing the on-screen display language

If you prefer Chinese to English, you can change the on-screen display language. You can use buttons on both the remote commander and the TV.



1 Press SELECT until the screen appears as follows:



2 Press + or - to select "中文".



. You can also use VOLUME +/- on the TV to select the onscreen display language.

Adjusting the picture



Selecting the picture mode

Press PIC MODE until the mode you want appears.



Each time you press PIC MODE, the screen changes as follow:



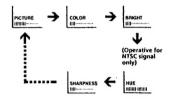
. If you change the picture mode after the following adjustments, the adjustment changes in accordance with the picture mode.

Adjusting the picture setting

1 Press SELECT until the item you want to adjust appears.



Each time you press SELECT, the screen changes as



2 Press +/- to adjust the item.



3 To adjust other items, repeat steps 1 and 2.

. You can also use VOLUME +/- on the TV to adjust the picture

If the color of the picture is abnormal

When receiving programs through the T terminal: Press TV SYSTEM or COLOR SYSTEM or adjust the color setting until the color becomes normal.

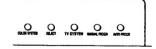
Note

Normally set COLOR SYSTEM to AUTO.

If the sound is distorted or noisy

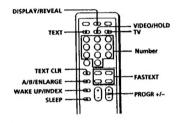
When receiving programs through the Y terminal Press TV SYSTEM until the sound becomes clear.

Front of TV





M KV-G25M11 only



Displaying Teletext

- 1 Select a TV channel which carries the Teletext broadcast you want to watch.
- 2 Press TEXT to display the Teletext. A Teletext page is displayed (normally the index page). If there is no Teletext broadcast, 100 is displayed at the top left corner of the screen.

To cancel the Teletext display, press TV....

Superimposing a Teletext page on the TV picture

Press TEXT.

Each time you press TEXT, the screen changes as follows:



Checking the contents of a Teletext service (INDEX)

Press WAKE UP/INDEX to display an overview of the Teletext contents and page numbers.

Using FASTEXT

This feature allows you to quickly access a Teletext page that uses FASTEXT. When a FASTEXT page is broadcasted, a color-coded menu appears at the bottom of the screen. The colors of the menu correspond to the RED, GREEN, YELLOW, and CYAN buttons on the remote commander.

Press the color button which corresponds to the color-

The page is displayed after a few seconds.

Selecting a Teletext page

To input the three-digit page number of the Teletext page, press the number buttons.

If you make a mistake, key in the correct page number

To access the next or previous page, press PROGR +/-.

Holding a Teletext page (subpage)

Press VIDEO/HOLD.

The HOLD symbol "" is displayed at the top left corner of the screen.

To resume normal Teletext operation, press VIDEO/ HOLD again or TEXT.

Revealing concealed information

Press DISPLAY/REVEAL.

To conceal the information, press DISPLAY/REVEAL March Comment

Enlarging the Teletext display

Press A/B/ENLARGE.

Each time you press A/B/ENLARGE, the Teletext display changes as follows:



Waiting for a Teletext page while watching a TV program (TEXT CLEAR)

- 1 Key in the page number of the Teletext that you want to refer, then press TEXT CLR.
- 2 When the page number is displayed on the screen, press TEXT to switch the Teletext on.

Additional Information

Troubleshooting

If you have any problems, read this manual again and check the countermeasure for each of the symptoms

If the problem persists, contact your nearest authorized service center or dealer.

Snowy picture Noisy sound





- Check the antenna.
- Check the antenna connection on the TV and on the wall
- Check the TV SYSTEM setting.

Dotted lines or stripes



→ This may be caused by local interference (e.g. cars, neon signs, hair dryers, etc.). Adjust the antenna for minimum interference.

Double images or "ghosts"



This may be caused by reflections from nearby mountains or buildings. A highly directional antenna may improve the picture.

Note on the remote commander

. The supplied remote commander is used on several models of the TV. If you do not find insructions for some controls that are on the remote commander, that means your TV does not employ the features of those controls, e.g. TEXT.

Good picture **Noisy sound**





→ Check the TV SYSTEM setting.

No picture No sound





- → Press POWER.
- Check the antenna connection.
- → Check the VCR connections.
- → Check the power cord connection.
- → Check the standby mode.

Good picture No sound





- → Press VOLUME +
- → Press MUTING.

No color



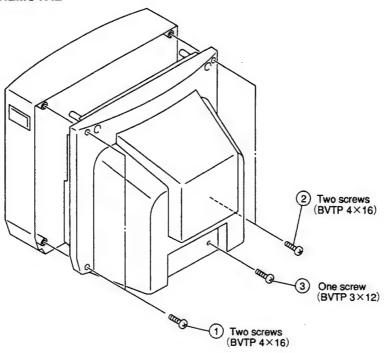
- → Adjust the COLOR level in the on-screen display.
- → Check the COLOR SYSTEM setting.

TV cabinet creaks

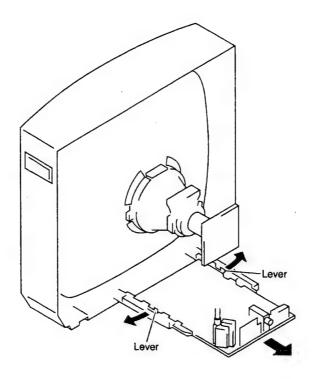
→ Even if the picture or the sound is normal. changes in the room temperature sometimes make the TV cabinet expand or contract, making a noise. This does not indicate a malfunction.

SECTION 2 DISASSEMBLY

-1. REAR COVER REMOVAL

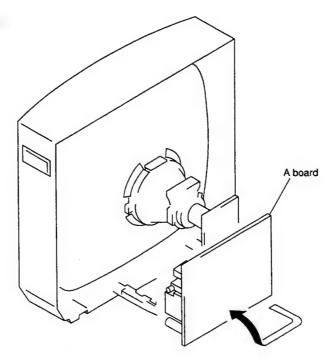


_-2. A BOARD REMOVAL



KV-G25M1/G25M11 RM-870

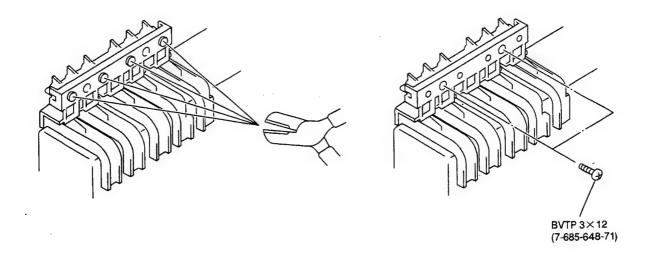
2-3. SERVICE POSITION



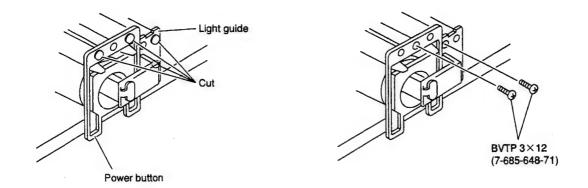
2-4. REPLACEMENT OF PARTS

For replacement of the Multi Button, Power Button and Light Guide, cut the welded portions from them, exchange with the new parts, and fix them with screws (+BVTP) respectively.

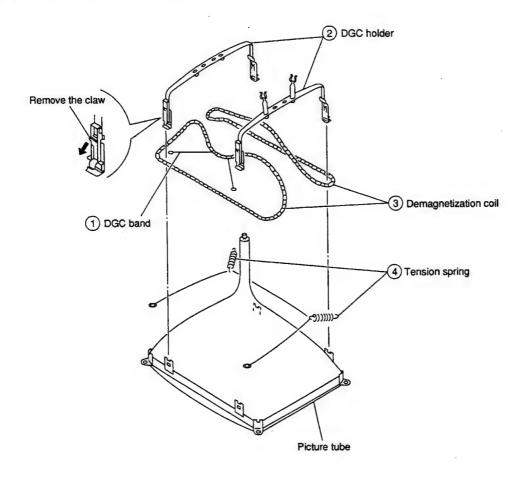
2-4-1. REPLACEMENT OF MULTI BUTTON

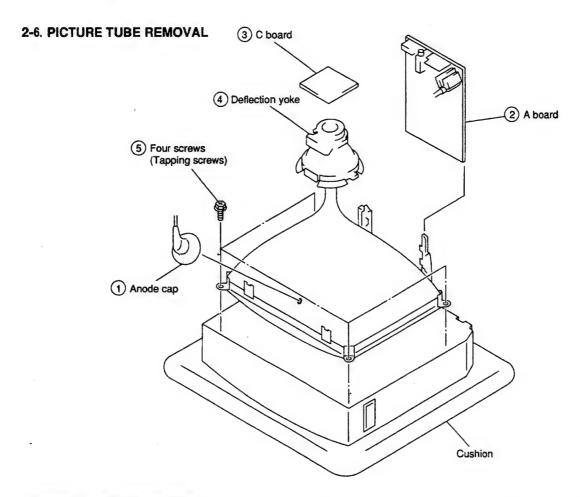


4-2. REPLACEMENT OF LIGHT GUIDE, POWER BUTTON



2-5. DEMAGNETIZATION COIL REMOVAL

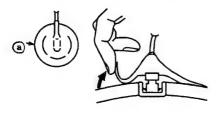


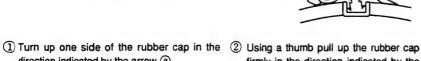


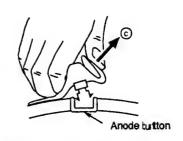
• REMOVAL OF ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

REMOVING PROCEDURES



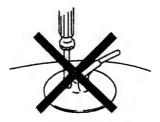


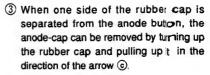


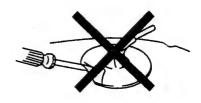
- direction indicated by the arrow (a).
- firmly in the direction indicated by the arrow (b).

• HOW TO HANDLE AN ANODE-CAP

- 1 Don't hurt the surface of anode-caps with sharp shaped materiall
- 2 Don't press the rubber hardly not to hurt inside of anode-caps! A material fitting called as shatter-hook
- terminal is built in the rubber. 3 Don't turn the foot of rubber over hardly! The shatter-hook terminal will stick out or hurt the rubber.







SECTION 3 SET-UP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

 These adjustments should be performed with rated power supply voltage unless otherwise noted.

Controls and switch should be set as follows unless otherwise noted:

PICTURE control	normal
BRIGHTNESS control	normal

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. White Balance

Note: Test Equipment Required.

- 1. Color-bar/Pattern Generator
- 2. Degausser
- 3. Oscilloscope

Preparations:

- In order to reduce the influence of geomagnetism on the set's picture tube face it east or west.
- Switch on the set's power and degauss with the degausser.

3-1. BEAM LANDING

1. Input the white signal with the pattern generator.

Contrast Brightness

normal

- 2. Set the pattern generator raster signal to green.
- Move the deflection yoke to the rear and adjust with the purity control so that the green is at the center and the blue and the red take up equally sized areas on each side.

(See Figures 3-1 through 3-3.)

- 4. Move the deflection yoke forward and adjust so that entire screen is green. (See Figure 3-1.)
- Switch the raster signal to blue, then to red and verify the condition.
- 6. When the position of the deflection yoke has been decided, fasten the deflection yoke with the screws.

If the beam does not land correctly in all the corners, use a magnet to adjust it.

(See Figure 3-4.)

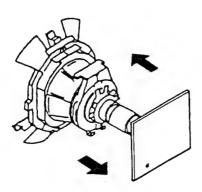


Fig. 3-1

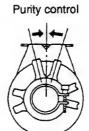


Fig. 3-2

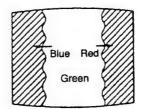
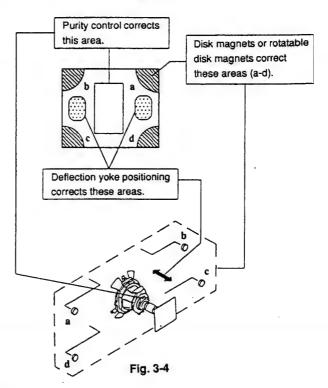


Fig. 3-3



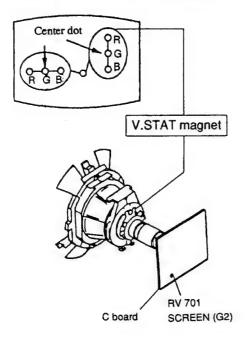
KV-G25M1/G25M11

3-2. CONVERGENCE

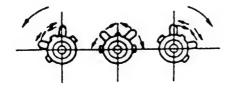
Preparations:

- Before starting this adjustment, adjust the focus, horizontal size, and vertical size.
- Minimize the brightness setting.
- Provide dot pattern.

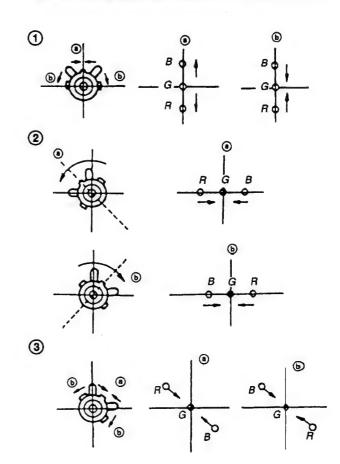
(1) Horizontal and Vertical Static Convergence



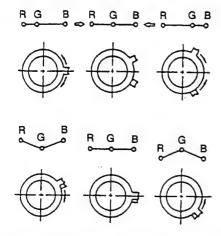
- (Moving vertically), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
- (Moving horizontally), adjust the V.STAT magnet so that the red, green, and blue points are on top of each other at the center of the screen.
- Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.



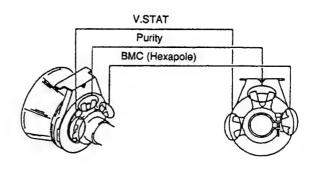
If the V.STAT magnet is moved in the direction of the and
 arrows, the red, green, and blue points move as shown below.



Operation of BMC (Hexapole) Magnet.



The respective dot positions resulting from moving each magnet interact, so be sure to perform adjustment while tracking. Use the V.STAT magnet to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).

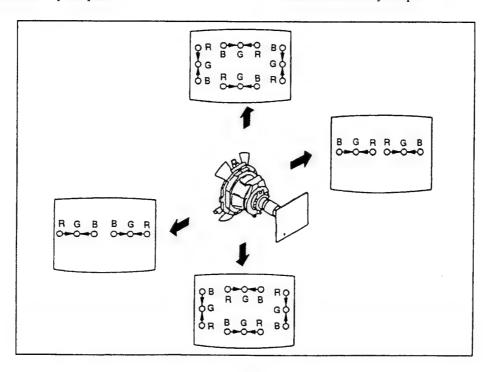


(2) Dynamic Convergence Adjustment

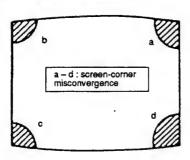
Preparations:

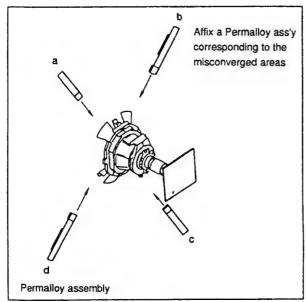
- Before starting this adjustment, adjust the horizontal static convergence and the vertical static convergence.
- 1. Slightly loosen the deflection yoke screws.
- 2. Remove the deflection yoke spacer.

- Move the deflection yoke as shown in the figure below and optimize the convergence.
- 4. Tighten the deflection yoke screws.
- 5. Install the deflection yoke spacer.



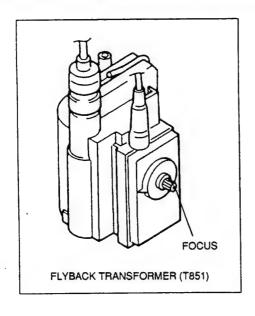
(3) Screen-corner Convergence





3-3. FOCUS ADJUSTMENT

Adjust FOCUS control on the flyback transformer for a best focus.



a. AN ITEM OF ADJUSTMENT

item number	Adjustment item	Initial DATA	Note
09	RDR	25	WHITE POINT R
OA	GDR	20	WHITE POINT G
0B	BDR	20	WHITE POINT B

b. METHOD OF CANCELLATION FROM SERVICE MODE

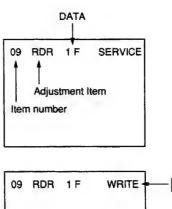
Set the standby condition (Press POWER button on the commander) in the next place, press POWER button again, hereupon it becomes TV mode.

c. METHOD OF WRITE FOR MEMORY

- 1) Set to Service Mode.
- 2) Press 1 (UP) and 4 (DOWN), select an item of adjustments.
- 3) Press MUTE button indicate WRITE (Green) on screen.
- 4) Press 0 button to write into memory.

d. MEMORY WRITE CONFIRMATION METHOD

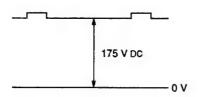
- 1) After adjustment, pull out the plug from AC outlet, and next place, plug in AC outlet again.
- 2) Turn the power switch ON and set to Service Mode.
- 3) Call the adjusted items again, confirm they were adjusted.



-4. G2 (SCREEN) AND WHITE BALANCE ADJUSTMENTS

1. G2 (SCREEN) ADJUSTMENT (RV701)

- 1) Set the PICTURE and BRIGHTNESS to normal.
- 2) Put to VIDEO input mode without signals.
- 3) Connect R, G, and B of the C board cathode to the oscilloscope.
- 4) Adjust G2 (RV701) volume to the value below.



2. WHITE BALANCE ADJUSTMENTS

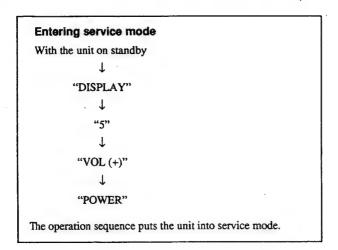
- 1) Set the Service Mode.
- 2) Input an entire white signal.
- 3) Set the PICTURE to maximum.
- 4) Select RDR(09) with 1 and 4, and then set the level to 25 with 3 and 6.
- Select GDR(0A) and BDR(0B) with 1 and 4 and adjust the level with 3 and 6 for the best white balance.
- 6) Write into the memory by pressing $\boxed{\text{MUTE}} \rightarrow \text{then } \boxed{0}$.

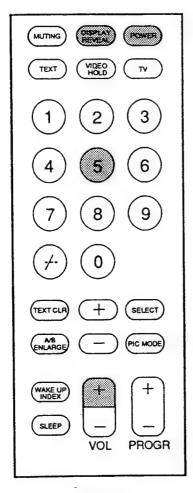
SECTION 4 CIRCUIT ADJUSTMENTS

"1", "4"

4-1. ADJUSTMENTS WITH COMMANDER

Service adjustments are made with the RM-870 that comes with this unit.





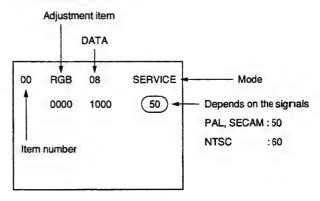
"3", "6" Raise/lower the data
"MUTING" Writes
"0" Executes the writing

"7", "0" The data all becomes the values in memory

Raise/lower the service item number

"7", "0"	The data all becomes the values in memory
"8", "0"	User control all goes to the standard state
"5", "0"	Service data initialization (Besure not to use usually.)
"2", "0"	Write 50Hz adjustment data to 60Hz, or viceversa.

The screen display is:



"1", "4"	Select the adjustment item.	
"3", "6"	Raise/lower the data.	
"MUTING"	Writes	
↓ "0"	Executes the writing.	

RM-870

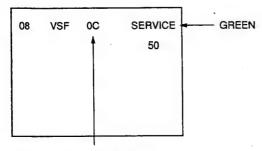
4-2. ADJUSTMENT METHOD

Item Number 08

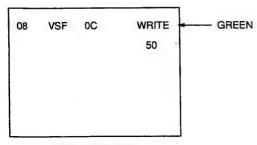
This explanation uses V-SHIFT as an example.

- 1. Select 08 V-SHIFT with the "1" and "4" buttons.
- 2. Raise/lower the data with the "3" and "6" buttons.
- 3. Select the optimum state. (The standard is for 0F PAL reception.)
- 4. Write with the MUTE button.
- 5. Execute the writing with the "0" button. (The WRITE display.)

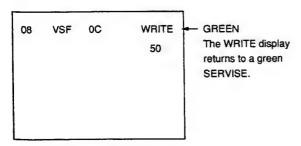
Use the same method for Items Number 00-40. Use "1" and "4" to select the adjustment item, use "3" and "6" to adjust, write with "MUTE", then execute the write with "0".



Adjusted with "3" and "6" buttons



Written with "MUTE"



Write executed with "0"

KV-G25M1/G25M11 RM-870

Adjustment Item Table

item number	Adjustment Item	Data range	Initial data		Standard data	Note	Device
00	HSF	00~3F	24	50:21	60: 26	H SHIFT	(TDA8366)
01	HSZ	00~3F	23	50: 27	60:28	H SIZE	(TDA8366)
02	PAP	00~3F	21	50: 25	60: 25	PIN AMPLITUDE	(TDA8366)
03	CNP	00~3F	29	50: 2D	60: 2F	CORNER PIN	(TDA8366)
04	TLT	00~3F	20	50: 24	60:20	TILT	(TDA8366)
05	VSL	00~3F	20	50: 21	60: 21	V SLOPE	(TDA8366)
06	VAP	00~3F	1D	50: 3E	60: 3F	V AMPLITUDE	(TDA8366)
07	SCR	00~3F	20	50: 29	60: 29	S CORRECTION	(TDA8366)
08	VSF	00~3F	20	50: 39	60: 3A	V SHIFT	(TDA8366
09	RDR	00~3F	25		25 (Fix)	WHITE POINT R	(TDA8366
OA	GDR	00~3F	20		20	WHITE POINT G	(TDA8366
0B	BDR	00~3F	20		20	WHITE POINT B	(TDA8366
OC_	YDL	00~0F	00	l		Y DELAY ADJUSTMENT	(TDA8366
0D	FO	00~02	00	TV: 00	VIDEO: 00	PHI-1TIME CONSTANT	(TDA8366
0E	AGC	00~3F	06	TV: 06	VIDEO: 06	AGC TAKE OVER	(TDA8366
0F	VSW	00~01	01	TV: 00	VIDEO: 01	VIDEO MUTE	(TDA8366
10	FOR	00~03	00		0	FORCED FIELD FREQ.	(TDA8366
11	DL	00~01	00		0	INTERLACE	(TDA8366
12	POC	00~01	00		0	SYNCHRONISATION	(TDA8366
13	NCI	00~01	00	50:00	60:00	V DIVIDER MODE	(TDA8366
14	VID	00~01	00	50:00	60:00	VIDEO IDENT MODE	(TDA8366
15	HCO	00~01	00	50:00	60:00	EHT TRACKING MODE	(TDA8366
16	EVG	00~01	00	50:00	60:00	ENABLE V GUARD	(TDA8366
17	SBL	00~01	00	50:00	60:00	SERVICE BLANKING	(TDA8366
18	PRD	00~01	00	50:00	60:00	OVER-VOLTAGE INPUT	(TDA8366
19	EXP	00~03	00	1	00	V DEFLECTION MODE	(TDA8366
1A	SFM	00~01	01		01	H FREQ. DURING SWON	(TDA8366
1B	PHL	00~01	00		00	COLOR X-TAL PLL	(TDA8366
1C	COR	00~01	00		00	NOISE CORING PEAK	(TDA8366
1D	PMX	00~3F	20		20	PICTURE MAX DATA	(TDA8366
1E	SBR	00~7F	4B		53	SUB-BRIGHTNESS	(TDA8366
1F	SHU	00~0F	07	1	07	SUB-HUE	(TDA8366
20	SSH	00~03	01	TV: 01	VIDEO: 03	SUB-SHARPNESS	(TDA8366
21	SCL	00~3F	3F	50:3F	60: 3F	SUB-COLOR	(TDA8366
22	TXP	00~0F	09		09	Text Picture cont.	(SAA5281
23	MXP	00~0F	0B	1	0B	Text Mix mode Pic.	(SAA5281
24	ODL	00~FF	10		10	Power ON Delay	(CXP8520
25	OFR	00~0F	00		00	Remo. con. RGB OUT	(CXP8520
26	OFM	00~0F	00		00	Main power RGB OUT	(CXP8520
27	OSH	00~3F	0A		06	OSD Position H	(CXP8520
28	MUT	00~01	01		. 00	No Sync. Mute	(CXP8520
29	ABL	00~01	01		01	Bright ABL	(CXP8520
2A	OP0	00~FF	40	-1	2B	Option 0	(CXP8520
2B	OP1	00~FF	07		07	Option 1	(CXP8520

No 2A OPO * Input data are different according to models.

-	AV I	nput	_	_	-		Saudi
0	0	1	0	0	0	0	0

No 2B OP1

-	_	_	TV System		NTSC	SECAM	Chin
0	0	0	0	0	111	1	1

[※] Standard data listed on the Adjustment Item Table are reference values, therefore differ per model.

4-3. A BOARD, ADJUSTMENT AFTER 1C003 (MEMORY) REPLACEMENT

- 1. Enter to Service Mode.
- Press commander buttons "5" and "0" (Data Initialize), and "2" and "0" (Data Copy) to initialize the data.
- 3. Call each item number, and check if the respective screen shows the normal picture.

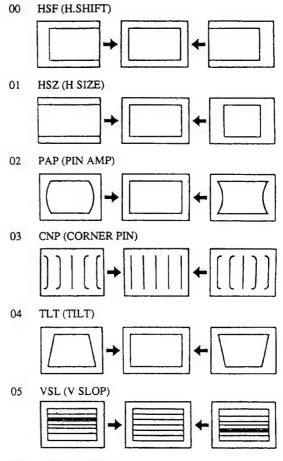
In case some items are not well-adjusted, give them fine adjustment.

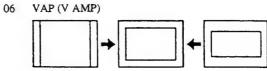
Write the data per each item number (MUTE + 0).

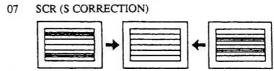
- 4. Select item numbers "2A" (OP0) and "2B" (OP1) for mono, and 3F (OP0) and "40" (OP1) for STEREO, and respectively set the bit per model with command buttons "3" and "6".
- 5. Press commander buttons "8" and "0" (Test Normal) to return to the data that was set on the shipment from the factory.(= Cancel Service Mode.)

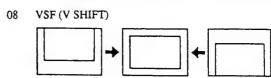
4-4. PICTURE DISTORTION ADJUSTMENT

Item Number 00 - 08







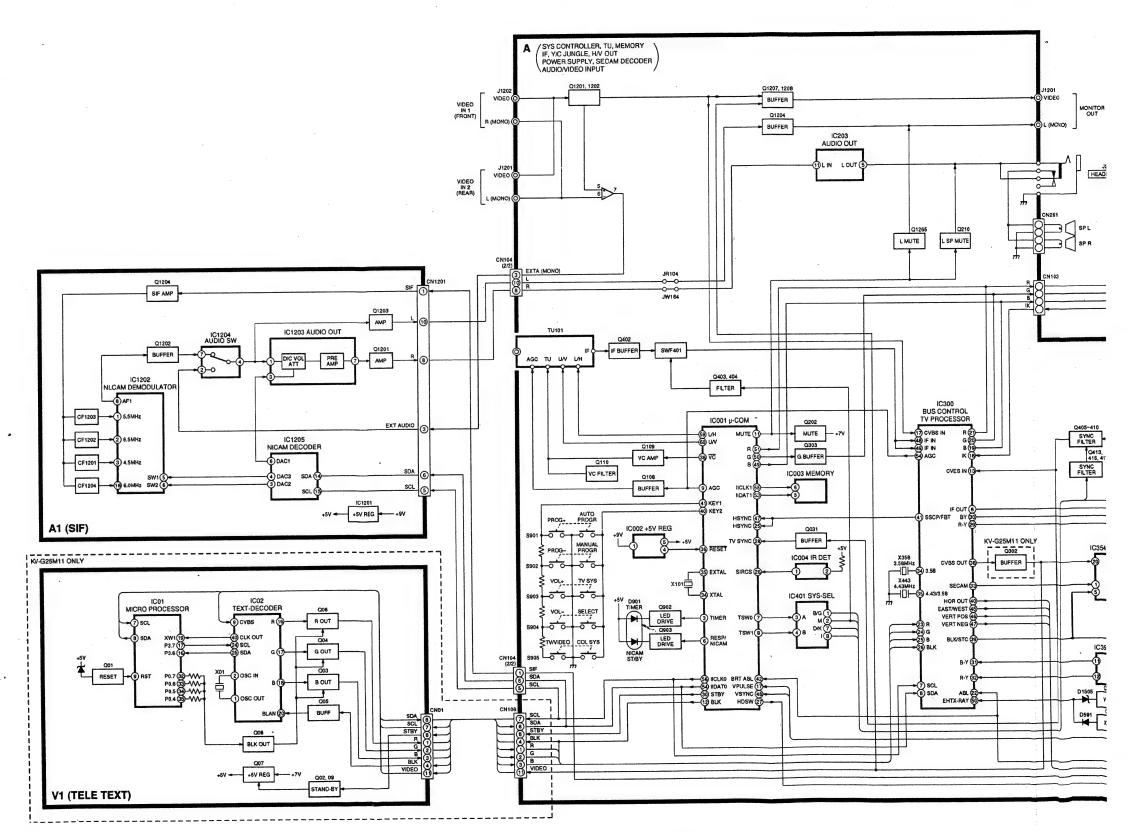


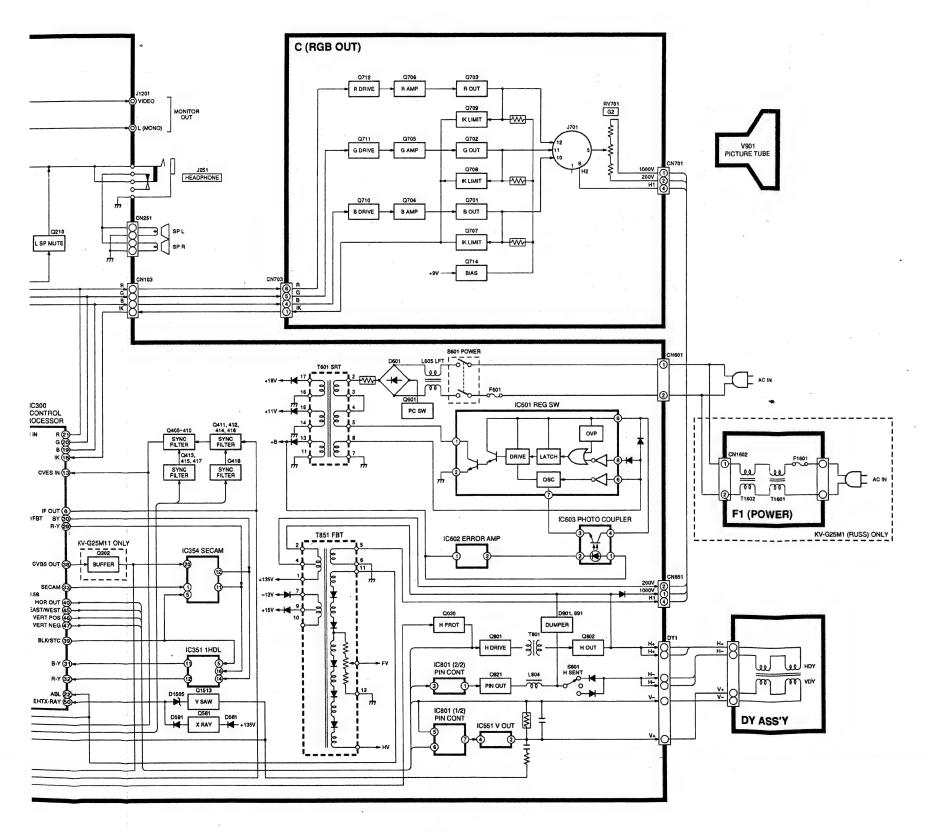
KV-G25M1/G25M11 RM-870

MEMO		
• • • • • • • • • • • • • • • • • • • •		
·		
• • • • • • • • • • • • • • • • • • • •		

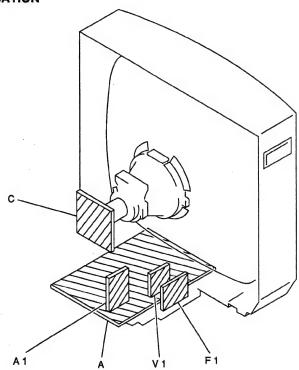
SECTION 5
DIAGRAMS

5-1. BLOCK DIAGRAMS





5-2. CIRCUIT BOARDS LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms.

 $k\Omega = 100\Omega$, $M\Omega = 1000k\Omega$

 Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch: 5 mm

Rating electrical power 1/4W (CHIP: 1/10W)

• : nonflammable resistor.

- \triangle : internal component.
- : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Readings are taken with a color-bar signal input.

no mark : PAL

(): SECAM

- (): NTSC 4.43
- Readings are taken with a 10 $M\Omega$ digital multimeter.
- Voltage are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- * : Can not be measured.
- Circled numbers are waveform reference.
- . B + bus.
- ---: B bus.
- signal path.

Reference Information RESISTOR : RN METAL FILM

: ALB

: ALT

: ALR

	: RC	SOLID
	: FPRD	NONFRAMMABLE CARBON
•	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	: *	ADJUSTMENT RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	:PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE

BIPOLAR

HIGH RIPPLE

Note: The component identified by shading and mark Λ are critical for safety. Replace only with part number specified.

HIGH TEMPERATURE

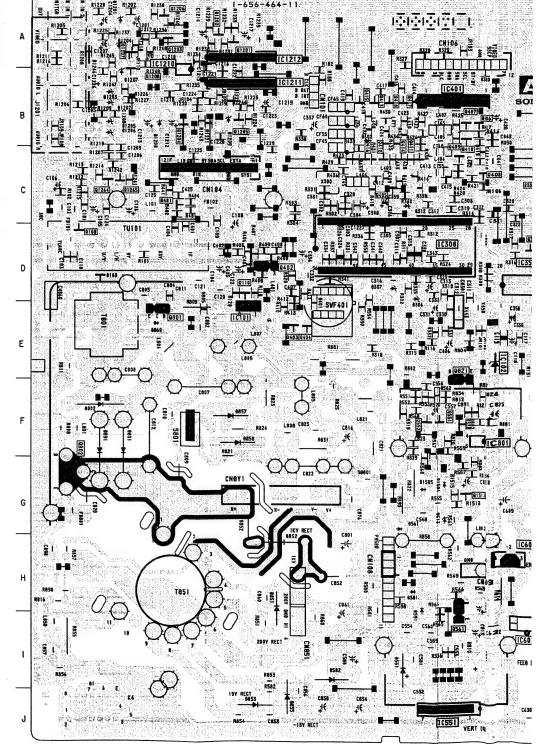
PRINTED WIRING BOARD



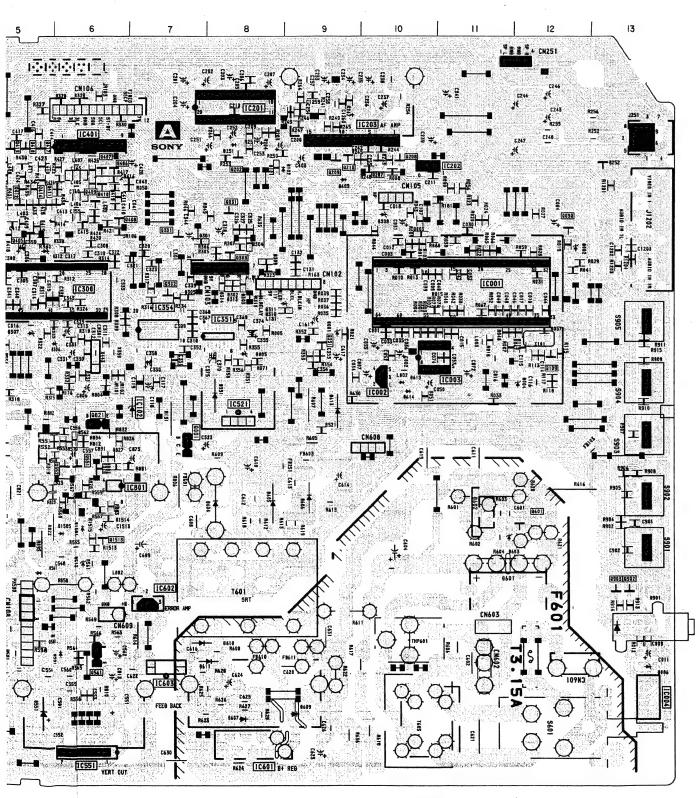
[SYS CONTROLLER, TU, MEMORY, IF, Y/C JUNGLE H/V OUT, POWER SUPPLY, SECAM DECODER, AUDIO/VIDEO INPUT]

- A Board -

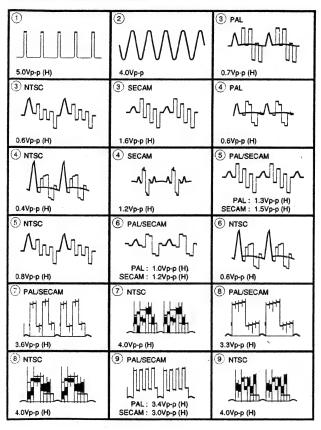
IC C001 D-11	Q1208 B-2 Q1265 C-2 Q1513 G-6
C002 E-10 C003 E-11	DIODE
C004 I-13 C102 E-7 C203 B-10 C300 D-6 C351 D-8 C354 D-7 C401 B-6 C521 E-8 C551 J-6 C601 J-8 C602 H-7 C603 I-7 C801 F-6 C1210 A-2	D001 D-9 D002 C-12 D003 E-12 D005 E-8 D101 B-8 D102 B-9 D103 D-1 D251 B-8 D252 B-13 D301 C-7 D302 D-8 D303 D-8 D304 C-8 D305 D-7
RANSISTOR	D306 D-6 D307 D-5
Q030 C-12 Q031 C-8 Q108 D-1 Q109 E-12 Q110 D-3 Q202 B-8 Q207 B-10 Q208 B-10 Q210 B-9 Q301 C-7 Q302 D-7 Q302 D-7 Q303 C-8 Q404 E-4 Q405 C-5 Q406 B-6 Q400 C-6 Q410 B-6 Q411 C-5 Q411 C-5 Q411 C-5 Q411 B-5 Q411 C-5 Q411 B-5 Q411 C-5 Q411 B-5 Q411 C-5 Q411 B-5 Q411 C-5 Q411 B-5 Q411 C-5	D308 C-10 D310 D-8 D311 D-8 D311 D-8 D312 C-5 D313 D-8 D314 D-8 D351 E-8 D401 D-4 D402 B-5 D403 B-9 D513 G-6 D551 I-5 D561 I-5 D561 H-6 D601 G-11 D602 G-11 D603 G-11 D603 G-11 D604 G-8 D606 F-9 D607 I-8 D609 I-9 D610 I-8 D609 I-9 D610 I-8 D609 I-9 D610 I-8 D609 I-9 D610 I-8 D801 F-2 D802 F-1 D851 H-4 D852 H-4 D853 J-3 D858 F-3 D858 F-3 D858 F-3 D858 F-3 D858 F-1

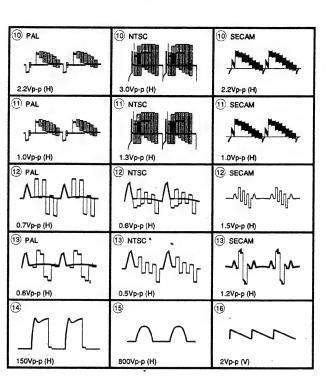


EO INPUT



A BOARD WAVEFORMS

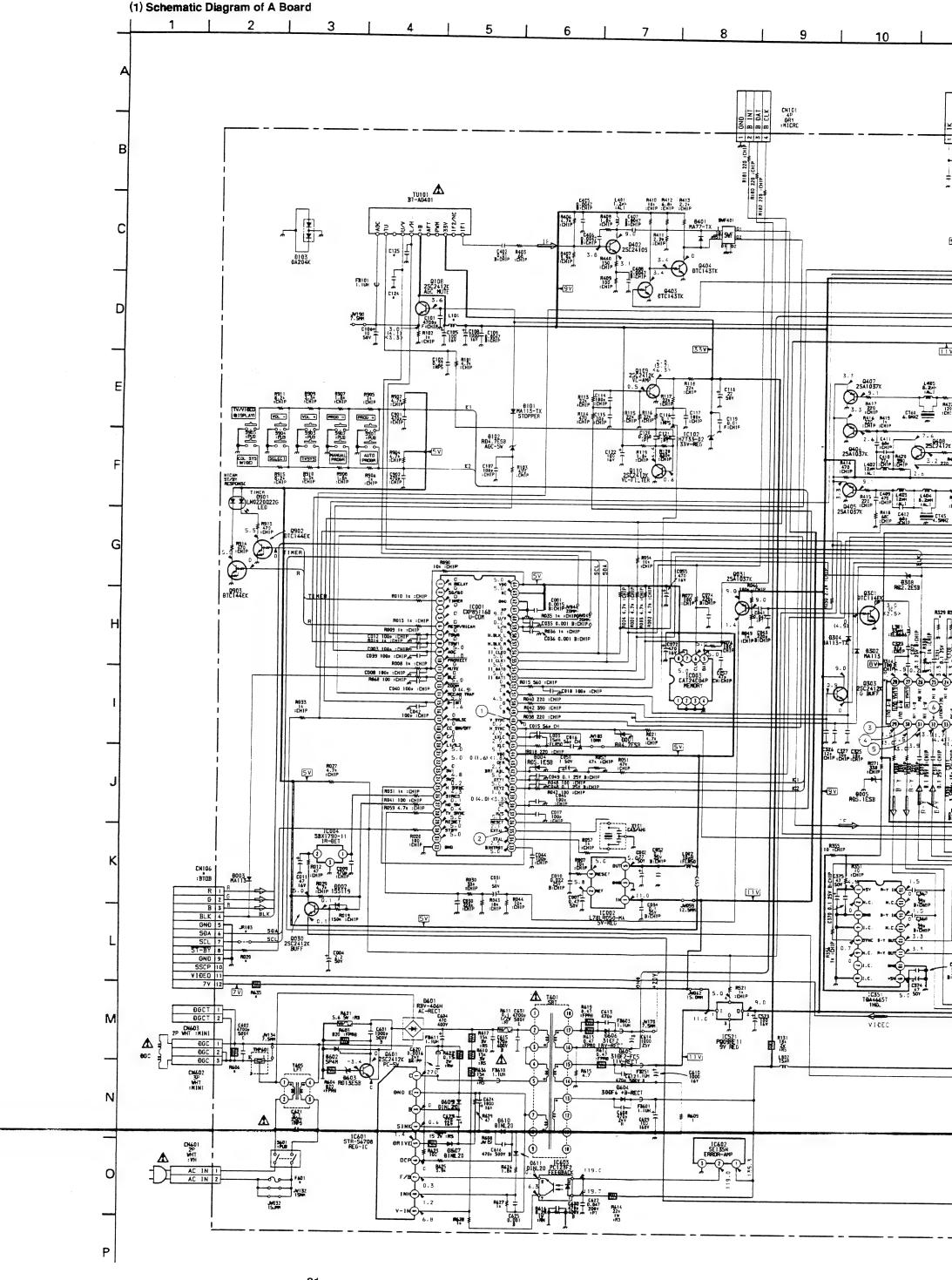


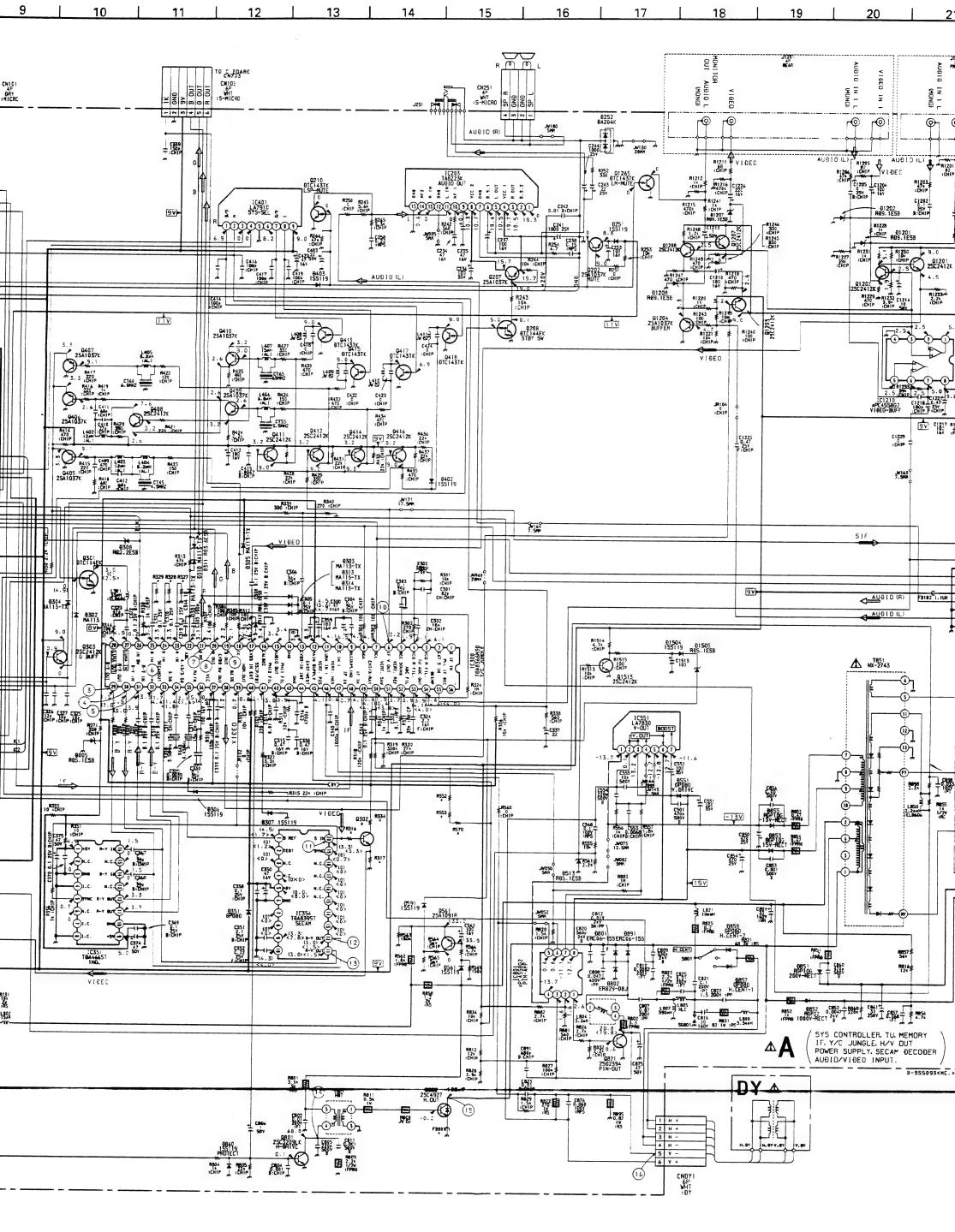


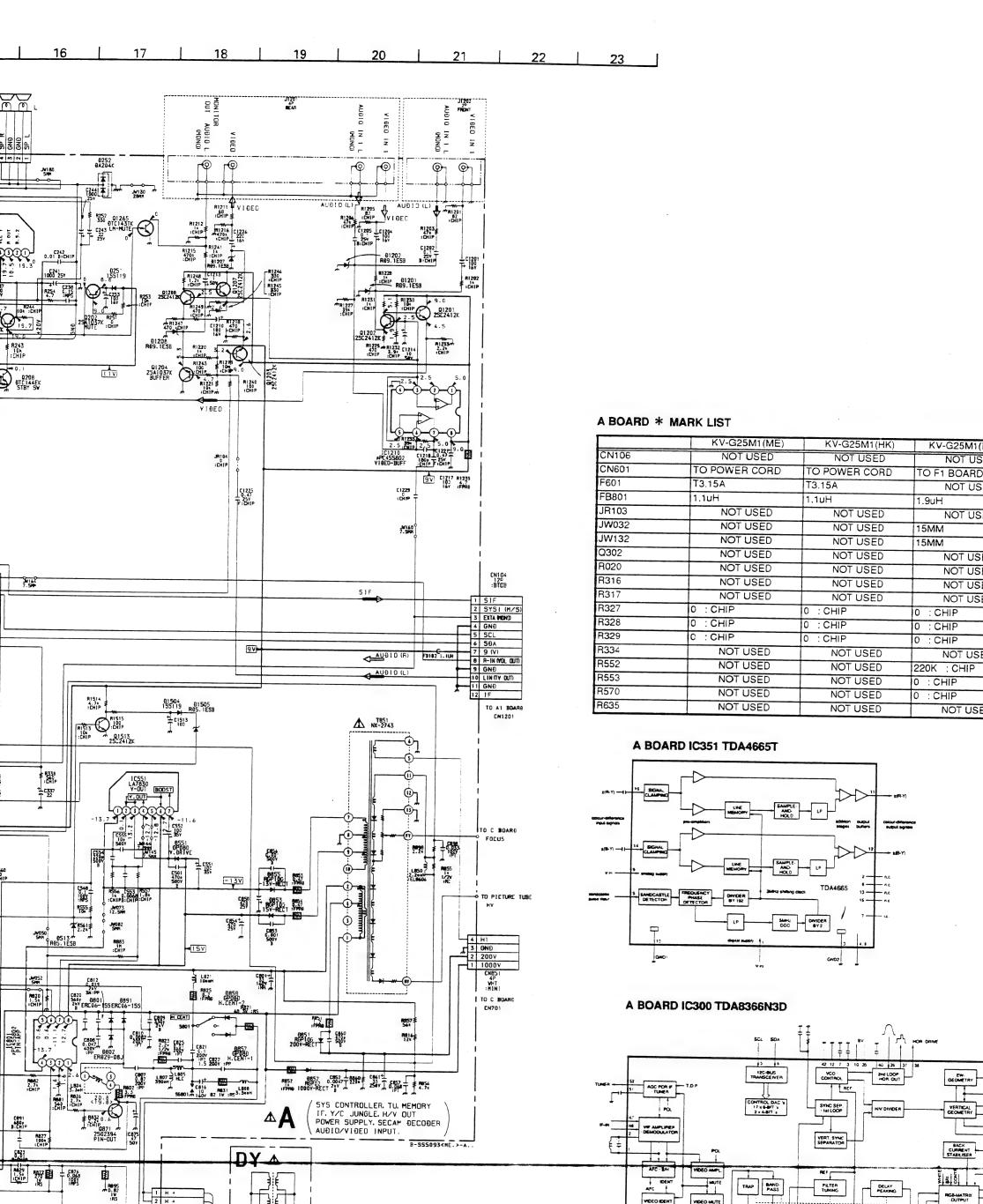


NOTE:

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.







(16)

CNDY1 6P WHT : DY

DELAY PEAKING

G-Y MATRIX SAT CONTROL

£ 5

TDA 4661

E 18

PIGB-MATRIX OUTPUT

PIGB-IMPUT SWITCH 21 22 23

REF

FILTER TUNING

TRAP BAND.

SW

CVBS OUT (FX)

VIDEO IDENT

VIDEO MUTE

SOUND

2 SYS1 (H/S)
3 EXTA PROND
4 GNÐ
5 SCL
6 SÐA
7 9 (V)
6 R-IN MOL DUT)
9 GNÐ
10 LIN (TY DUT)
11 GNÐ

TO A1 BOARS CN1201

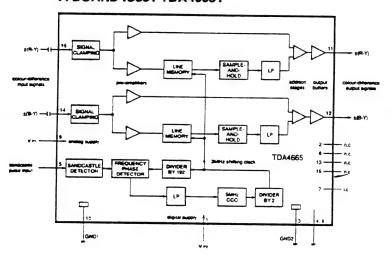
FOCUS

EN701

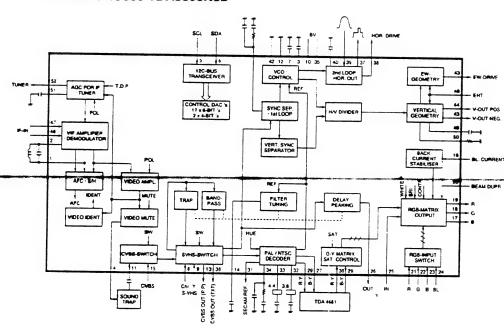
A BOARD * MARK LIST

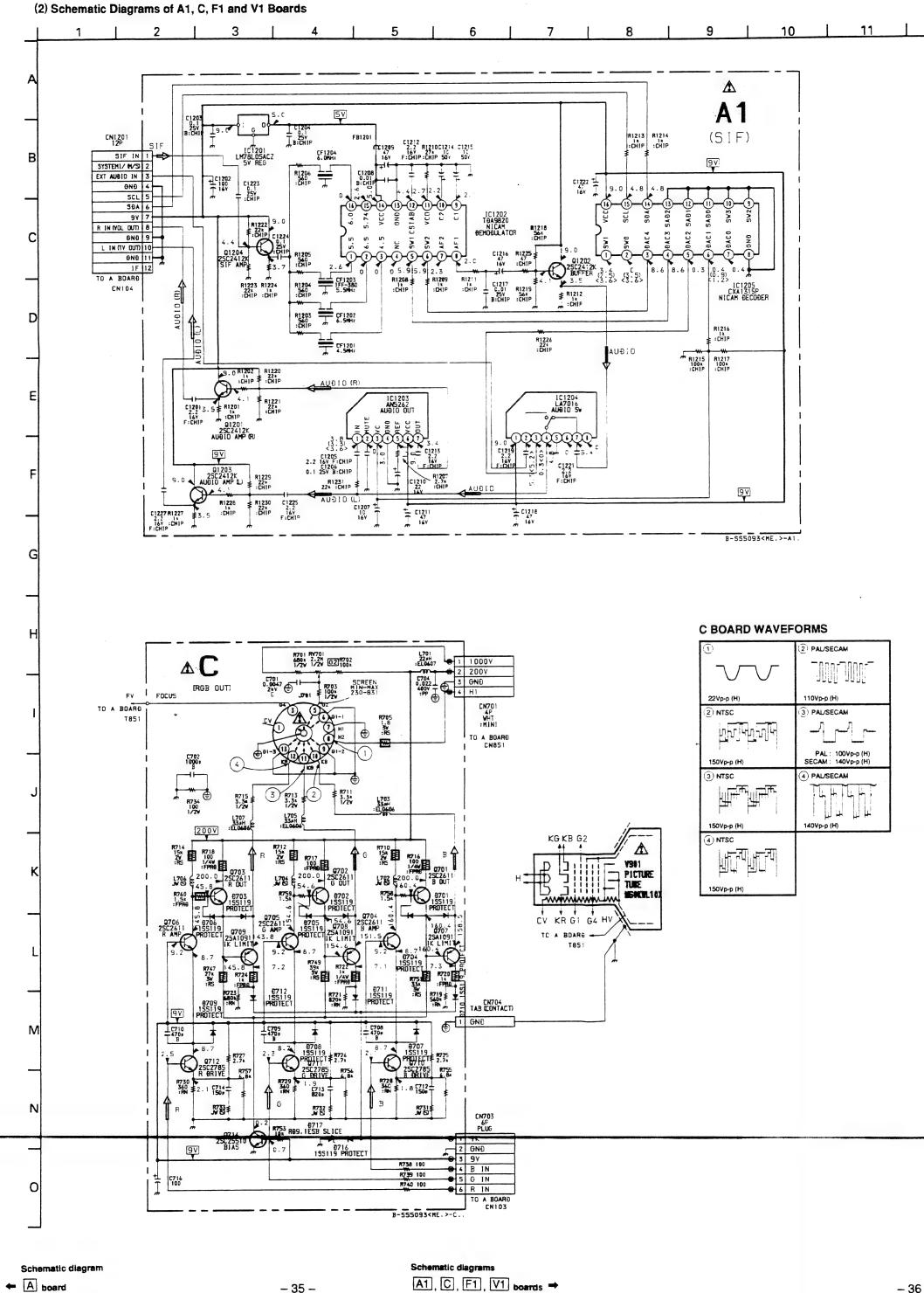
	KV-G25M1 (ME)	KV-G25M1(HK)	KV-G25M1(RUSS)	KV-G25M11
CN106	NOT USED	NOT USED	NOT USED	12P : BTOB
CN601	TO POWER CORD	TO POWER CORD	TO F1 BOARD CN1602	TO POWER CORD
F601	T3.15A	T3.15A	NOT USED	T3.15A
FB801	1.1uH	1.1uH	1.9uH	1.1uH
JR103	NOT USED	NOT USED	NOT USED	0 : CHIP
JW032	NOT USED	NOT USED	15MM	NOT USED
JW132	NOT USED	NOT USED	15MM	NOT USED
Q302	NOT USED	NOT USED	NOT USED	2SC2412K
R020	NOT USED	NOT USED	NOT USED	100 : CHIP
R316	NOT USED	NOT USED	NOT USED	4.7K : CHIP
R317	NOT USED	NOT USED	NOT USED	1K : CHIP
R327	0 : CHIP	0 : CHIP	0 : CHIP	100 : CHIP
R328	0 : CHIP	0 : CHIP	0 : CHIP	100 : CHIP
R329	C : CHIP	0 : CHIP	0 : CHIP	100 : CHIP
R334	NOT USED	NOT USED	NOT USED	470 : CHIP
R552	NOT USED	NOT USED		220K : CHIP
R 5 53	NOT USED	NOT USED		0 : CHIP
R570	NOT USED	NOT USED	1	0 : CHIP
R635	NOT USED	NOT USED	NOT USED	22 2W :RS

A BOARD IC351 TDA4665T



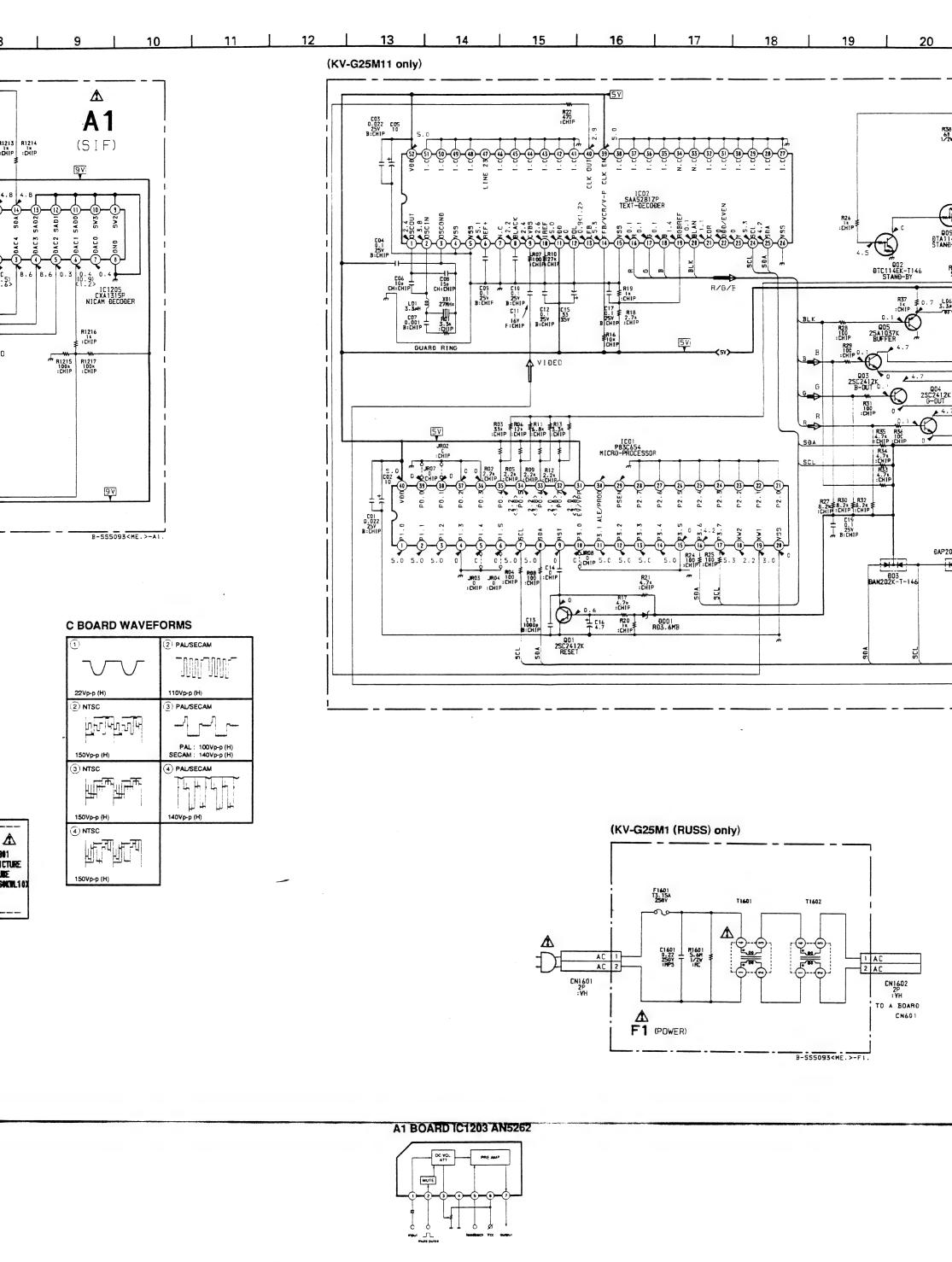
A BOARD IC300 TDA8366N3D

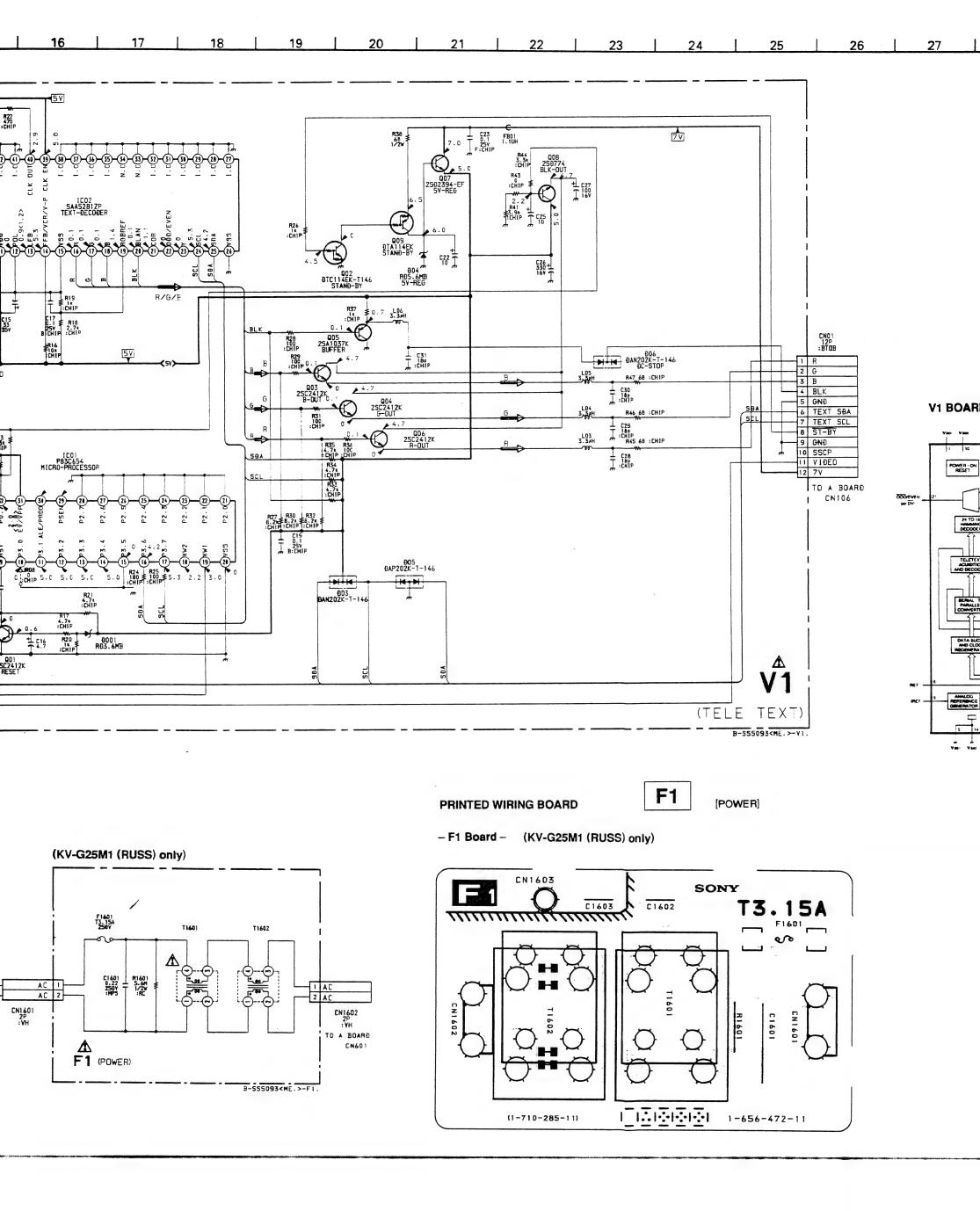


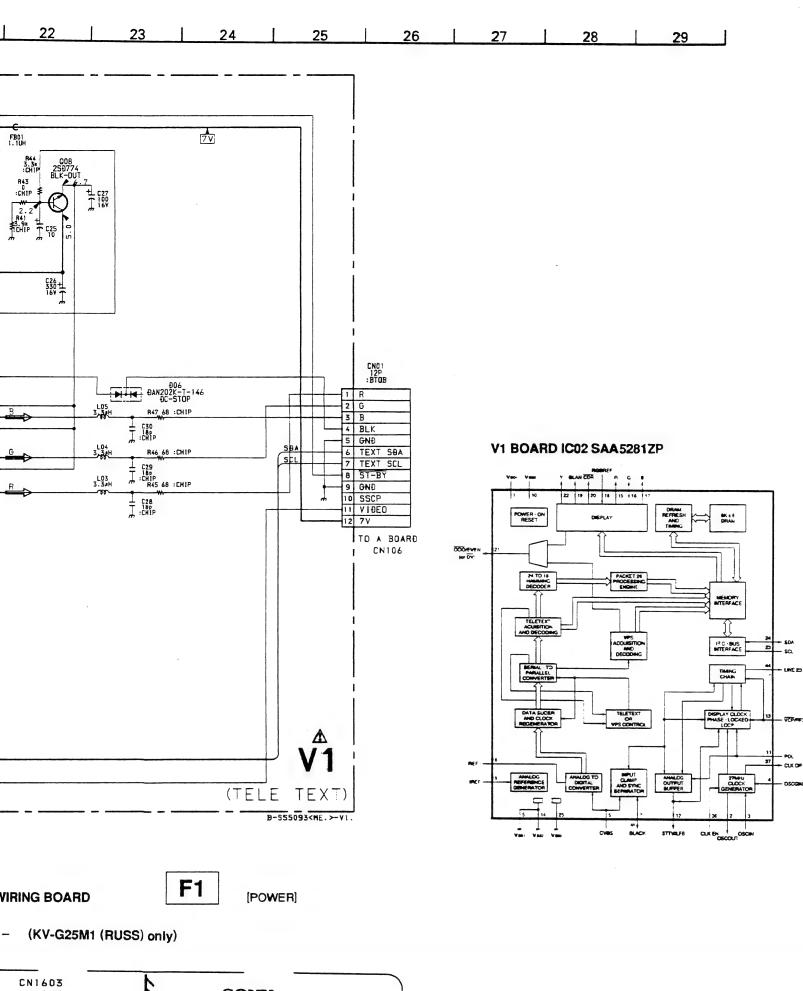


- 35 -

A1, C, F1, V1 boards -







PRINTED WIRING BOARDS

A1

[SIF]

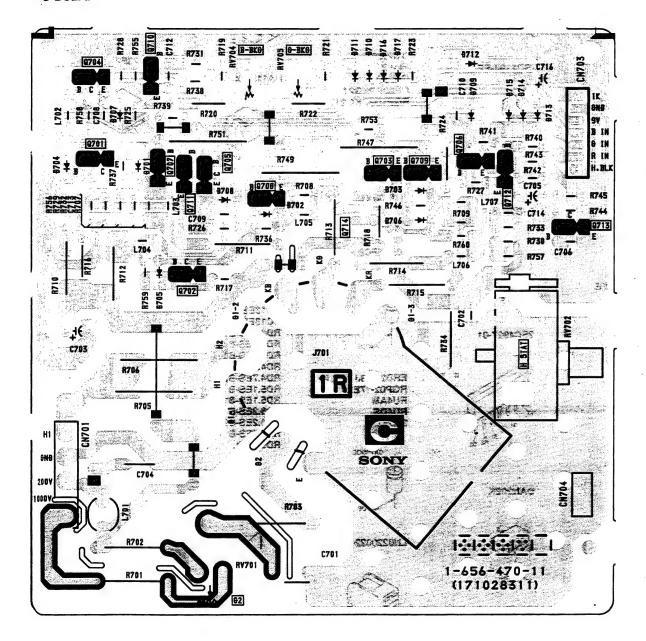
C

[RGB OUT]

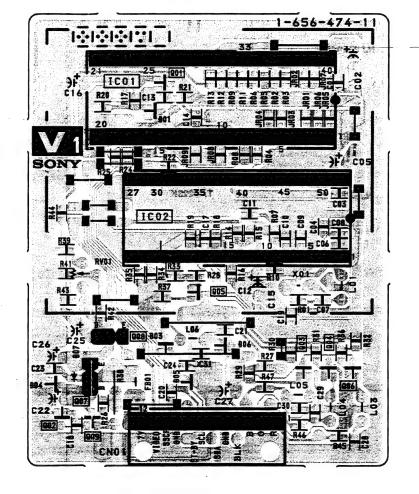
V1

[TELE TEXT]

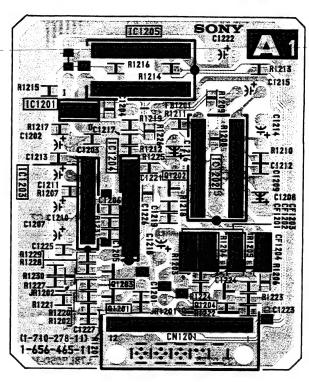




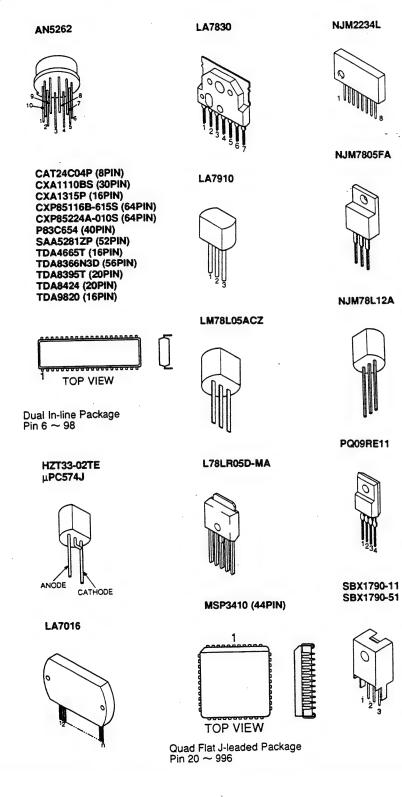
- V1 Board - (KV-G25M11 only)



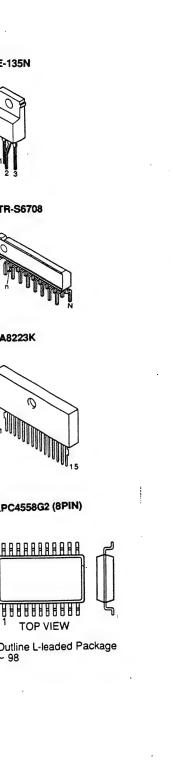
- A1 Board -

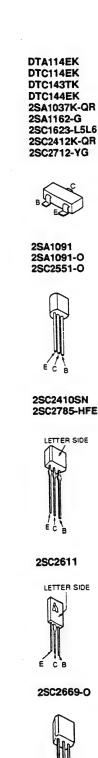


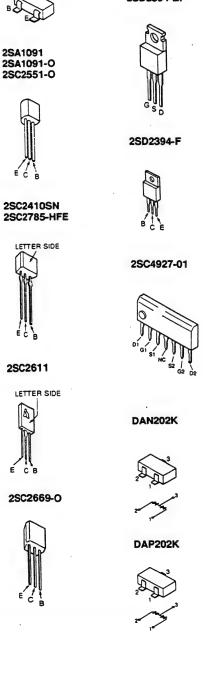
5-4. SEMICONDUCTORS

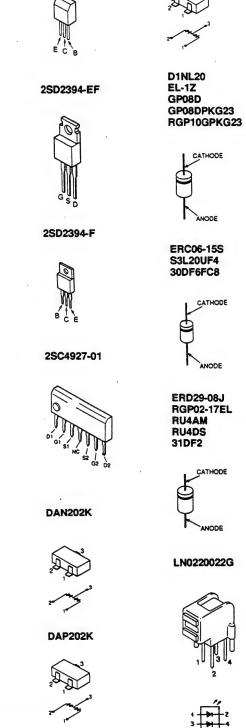








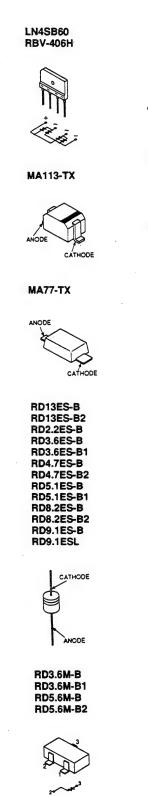




2SC3209LK

2SD774-34

DA204K



KV-G25M1/G25M11

KV-G25M1/G25M11

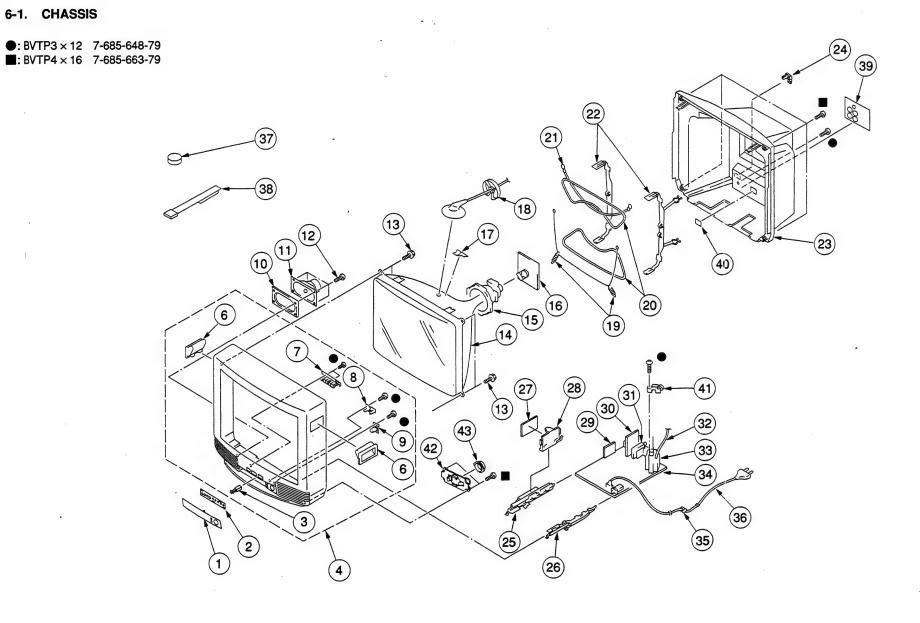
SECTION 6 **EXPLODED VIEWS**

TE:

- · Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

6-1. CHASSIS



REF. NO.	PART NO.	DESCRIPTION . REMARK
1 2		DOOR, CONTROL LABEL, CONTROL
3	4-627-936-01	LOCK, MINIATURE SIDE
4	X-4032-787-1	
. 6	4-048-691-01	
7 8		BUTTON, MULTI GUIDE, LIGHT
9	4-048-688-01	BUTTON, POWER
10	4-037-613-01	CUSHION, SP
11	1-504-305-11	SPEAKER (5X12CM)
		SCREW, STEP TAPPING
13 14		SCREW (7), TAPPING PICTURE TURE (MGOKWLIOX)
		DEFERCTION YORK (Y25GXAS)
16	* A-1331-428-A	C BOARD, COMPLETE
17	3-704-495-01	
18	*3-704-372-11	HOLDER, HV CABLE SPRING, TENSION
19 20	4-309-318-01	SPRING, LENSION
21		BAND, DEGAUSSING COIL
22	* 4-042-988-01	
23	4-048-703-01	
24 25	4-049-130-01 *4-048-690-01	RAIL (L), GUIDE
26		RAIL (R), GUIDE
27	* A-1241-190-A	F1 BOARD, COMPLETE (KV-G25M1 (RUSS))
28	*4-049-158-01	BRACKET, F1 PC BOARD (KV-G25M1(RUSS))
29 30		VI BOARD, COMPLETE (KV-G25M11) A1 BOARD, COMPLETE
	*************************************	TIMER BI AGON
32	1-900-212-02	LEAD ASSY, FOCUS
	A 1-453-190-11	TRANSFORMER_FLYBACK (NL-2743//M3B)
34		A BOARD, COMPLETE (KV-G25M1(ME)) A BOARD, COMPLETE (KV-G25M1(HK))
		A BOARD, COMPLETE (KV-G25M1 (RUSS))
	* A_1207 566 A	A BOARD, COMPLETE (KV-G25M11)
35		HEDRE AC CINO
36	11-574-062-22	OKO POWE OF THE CONGETOR
		BESSAND COMPANY
	NA-769-689-21	CHARL COURT AFTER CHARCOLIN
37	1-452-032-00	MAGNET, DISC
38	X-4387-214-1	PERMALOY ASSY, CORRECTION
39	4-049-121-01	LABEL, TERMINAL
40	4-049-416-01	SHEET, BLIND .
41 42		HOLDER, FBT BRACKET, SPEAKER
	1010 101-01	

1-544-453-21 SPEAKER (2CM)

·KV-G25M1/G25M11

KV-G25M1/G25M11

SECTION 7 ELECTRICAL PARTS LIST





NOTE:

The components identified by shading and mark ∆ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

• Items marked " * " are not stocked since RESISTORS service. Some delay should be • All resistors are in ohms anticipated when ordering these items. • F: nonflammable

 All variable and adjustable resistors have characteristic curve B, unless otherwise

CAPACITORS • MF : μF, PF : μμF

COILS • MMH : μH, UH : μH

REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		A DO LDD COUNT DOO					<ferrite beal<="" td=""><td>)></td><td></td><td></td></ferrite>)>		
•	* A-1292-869-A	A1 BOARD, COMPLETE			ED1201	1-412-911-11	TAIDUCTOD EE	DITT READ		
					FB1201	1-412-511-11	INDOCTOR, I'E	dire bear		
		<capacitor></capacitor>					<ic></ic>			
C1201	1-164-505-11	CERAMIC CHIP 2.2MF		16V	TC1001	8-759-991-41	TO THEOLOGIC	7		
C1202	1-104-665-11	ELECT 100MF	20%		IC1201 IC1202	8-759-991-41	IC TDA9820	2		
C1203		CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	10% 10%	25V 25V	IC1203	8-759-248-80	IC AN5262-(N	Γ)		
C1204 C1205		CERAMIC CHIP 0.1MF	10%	16V		8-759-800-81				
01203					IC1205	8-752-057-18	IC CXAI315P			
C1206 C1207	1-164-004-11 1-126-157-11	CERAMIC CHIP 0.1MF ELECT 10MF		25V 16V						
C1207	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V			<transistor></transistor>			
C1209	1-104-664-11	ELECT 47MF	20%	16V	Q1201	8-729-120-28	TRANSISTOR 2	SC1623-L5L6	;	
C1210	1-124-234-00	ELECT 22MF	20%	16V	Q1202	8-729-120-28	TRANSISTOR 2	SC1623-L5L0	5	
C1211	1_104_664_11	ELECT 47MF	20%	16V	Q1203					
C1212	1-164-505-11	CERAMIC CHIP 2.2MF		16V	Q1204	8-729-120-28	TRANSISTOR 2	SC1623-L5L1)	
C1213	1-164-505-11	CERAMIC CHIP 2.2MF		16V						
C1214	1-124-907-11		20% 20%	50V 50V			<resistor></resistor>			
C1215	1-124-907-11	ELECT TOWN	20%	301			AMOUNT OF AGE	117 .	·w 1	/1 OW
C1216	1-104-664-11	ELECT 47MF	20%	16V	R1201 R1202	1-216-049-00	METAL GLAZE		5% 1/ 5% 1/	
C1217	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	R1202	1-216-043-91	METAL GLAZE		% 1/	
C1218	1-104-664-11	ELECT 47MF CERAMIC CHIP 2.2MF	20%	16V 16V	R1204	1-216-043-91	METAL GLAZE	560	% 1,	
C1219 C1221		CERAMIC CHIP 2.2MF		16V	R1205	1-216-043-91	METAL GLAZE	560	% 1,	/10 W
				1,017	R1206	1-216-043-91	METAL GLAZE	560	5% 1,	∕10₩
C1222 C1223	1-104-664-11	ELECT 47MF CERAMIC CHIP 0.1MF	10%	16V 25V	R1207	1-216-059-00	METAL GLAZE	2.7K	% 1,	
C1223	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	R1208	1-216-049-00	METAL GLAZE		5% 1, 5% 1,	
C1225	1-164-505-11	CERAMIC CHIP 2.2MF		16V	R1209 R1210		METAL GLAZE METAL GLAZE		5% 1.	
C1227	1-164-505-11	CERAMIC CHIP 2.2MF		16V	KIZIO					
					R1211		METAL GLAZE		5% 1.	
		<filter></filter>			R1212		METAL GLAZE		5% 1. 5% 1.	
					R1213 R1214	1-216-049-00	METAL GLAZE METAL GLAZE		5% 1.	
		FILTER, CERAMIC			R1215		METAL GLAZE		5% 1	
CF1202 CF1203		FILTER, CERAMIC FILTER, CERAMICO								(3 OTT
CF1203		FILTER, CERAMIC			R1216		METAL GLAZE METAL GLAZE		5% 1. 5% 1	
					R1217 R1218		METAL GLAZE		5% 1	
		CONDITIONOR			R1219	1-216-081-00	METAL GLAZE	22K	5% 1	/10 W
		<connector></connector>			R1220	1-216-081-00	METAL GLAZE	22K	5% 1	
CN1201	* 1-770-748-11	CONNECTOR, BOARD TO	BOARD	12P	R1221	1_216_081.00	METAL GLAZE	22K	5% 1	∕10₩
					R1222	1-216-081-00	METAL GLAZE	22K	5% 1	/10 W
					R1223	1-216-081-00	METAL GLAZE	22K	5% 1	/10 W

REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R1224 R1225			5% 1/ 5% 1/		C101	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
1(1220	1-210-011-00	MDIND OLIDE 41	0,0 2,	10	C102	1-136-169-00	FILM	0.22MF	5%	50V
R1226	1_216_081_00	METAL GLAZE 22K	5% 1/	/10W	C105	1-104-665-11		100MF	20%	16V
R1227			5% 1/		C106	1-124-907-11			20%	50V
R1227		METAL GLAZE 1K	5% 1/		C107	1-163-117-00	CERAMIC CHIP		5%	50V
		METAL CLAZE 1A	5% 1/		C108	1-126-942-61			20%	16V
R1229	1-216-081-00	METAL GLAZE 22K			C108	1-120-342-01	DIACCI	TOOOM	20%	101
R1230	1-216-081-00	METAL GLAZE 22K	5% 1/	/10#	0100	1 162 017 00	CERAMIC CHIP	0.004700	1.0%	50V
		100011 01.000 0011	=~ .	/* OW	C109		CERAMIC CHIP			50V
R1231	1-216-081-00	METAL GLAZE 22K	5% 1/	/10W	C114				5%	
					C115		CERAMIC CHIP		5%	50V
******	******	********	*****	*****	C116	1-136-165-00			5%	50V
				()	C117	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
	* A-1297-513-A	A BOARD, COMPLETE (KV-	-G25M1	(ME))			DI DOD	00145	00%	5017
		A BOARD, COMPLETE (KV-			C118	1-124-916-11	ELECT		20%	50V
		A BOARD, COMPLETE (KV-			C119		CERAMIC CHIP			50V
	* A-1297-566-A	A BOARD, COMPLETE (KV-	-G25M1	11)	C120	1-130-493-00	MYLAR	0.068MF		50V
		******			C121	1-130-493-00 1-104-665-11	MYLAR	0.068MF		50V
					Ç122	1-104-665-11	ELECT	100MF	20%	16V
	1-533-223-11	CLIP, FUSE								
	*1-580-798-11	CONNECTOR PIN (DY) 6P			C124		CERAMIC CHIP			50V
	*4-049-131-01	CASE (A), SHIELD			C125	1-163-029-11	CERAMIC CHIP			50V
	4-382-854-11	SCREW (M3X10), P, SW	(+)		C234	1-104-664-11	ELECT		20%	16V
					C235	1-104-664-11	ELECT		20%	16V
					C236	1-126-968-11	ELECT	100MF	20%	35V
		<capacitor></capacitor>								
					C237	1-104-665-11		100MF	20%	16V
C001	1-163-011-11	CERAMIC CHIP 0.0015MF	10%	50V	C238	1-136-167-00		0.15MF	5%	50V
C002	1-124-916-11		20%	50V	C241	1-124-557-11	ELECT	1000MF	20%	25V
C003	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C242	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C004	1-124-925-11		20%	50V	C243	1-126-233-11	ELECT	22MF	20%	25V
C007	1-124-902-00	ELECT 0.47MF	20%	50 V						
					C244	1-124-557-11		1000MF	20%	25V
C008	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C253	1-104-665-11	ELECT	100MF		16V
C009	1-163-133-00	CERAMIC CHIP 470PF	5%	50V	C258	1-136-169-00			5%	50V
C010		CERAMIC CHIP 0.022MF	10%	25V	C300	1-104-664-11	ELECT			16V
C011	1-104-664-11	ELECT 47MF	20%	16V	C301	1-163-249-11	CERAMIC CHIP	82PF	5%	50V
C012	1-163-117-00	CERAMIC CHIP 100PF	5%	50V						
					C302		CERAMIC CHIP		5%	50V
C015	1-101-884-00	CERAMIC 56PF	5%	50V	C303		CERAMIC CHIP		10%	25V
C016	1-101-884-00	CERAMIC 56PF	5%	50V	C304	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C017	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C305		CERAMIC CHIP		10%	25V
C018	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C306	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C030	1-163-125-00	CERAMIC CHIP 220PF	5%	50V						
					C307		CERAMIC CHIP		10%	
C031	1-124-903-11	ELECT 1MF	20%	50V	C308		CERAMIC CHIP			25V
C034	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	C309		CERAMIC CHIP		10%	25V
C035	1-163-009-11	CERAMIC CHIP 0.001M	10	50V	C310	1-164-004-11			10%	
C036	1-163-009-11	CERAMIC CHIP 0.001M	10%	50V	C311	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C039	1-163-117-00	CERAMIC CHIP 100PF	5%	50V						
					C312		CERAMIC CHIP		5%	50V ·
C040	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C313	1-104-665-11	ELECT	100MF	20%	16V
C041	1-130-491-00	MYLAR 0.047MF	5	50V	C314	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C042	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C315		CERAMIC CHIP		10%	16V
C043	1-163-001-11	CERAMIC CHIP 220PF	10%	50V	C316	1-102-125-00	CERAMIC	0.0047MF	10%	50V
€044	1-163-117-00	CERAMIC CHIP 100PF	5%	50V						
					C319		CERAMIC CHIP		10%	25V
C046	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C320		CERAMIC CHIP		10%	25V
C048		CERAMIC CHIP 0.1MF	10%	25V	C321		CERAMIC CHIP		10%	25V
C049	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	C322		CERAMIC CHIP		10%	25V
C050	1-124-903-11	ELECT 1MF	20%	50V	C323	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C052		CERAMIC CHIP 0.1MF	10%	25V						
2002					C324		CERAMIC CHIP			16V
C055	1-126-941-11	ELECT 470MF	20%	16V	C325		CERAMIC CHIP		5%	50V
C057		CERAMIC CHIP 47PF	5%	50V	C326	1-163-095-00	CERAMIC CHIP	12PF	5%	50V
C072	1-126-941-11	ELECT 470MF		16V	C327	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C074		CERAMIC CHIP 220PF	10%		C329	1-163-016-00	CERAMIC CHIE	0.0039MF	10%	50V
					•					

KV-G25M1/G25M11

RM-870



The components identified by shading and mark ⚠ are critical for safety.

Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	<u>DESCRIPTION</u> <u>REMAR</u>	<u>k</u>
C1225 C1226 C1229	1-124-120-11	CERAMIC CHIP 0.47MF 25V ELECT 220MF 20% 16V CONDUCTOR, CHIP (2012)		D591 D601 D602	8-719-052-84 8-719-108-18	DIODE 1SS119-25 DIODE RBV-406H-02 THYRISTOR 5P4M	
C1513	1-124-122-11	ELECT 100MF 20% 50%	٧	D603 D604	8-719-112-87 8-719-110-36	DIODE RD13EST1B DIODE RU4DS	
		<connector></connector>		D605 D606 D607	8-719-052-52	DIODE 31DF2-FD5 DIODE 31DF2-FD5 DIODE D1NL20	
CN103 CN104	* 1-564-509-11 * 1-770-747-11	PLUG, CONNECTOR (2.5MM) 4P PLUG, CONNECTOR 6P CONNECTOR, BOARD TO BOARD 12P		D609 D610	8-719-510-26	DIODE DINL20 DIODE DINL20	
		CONNECTOR, BOARD TO BOARD 12P (KV-G25M11 PLUG, CONNECTOR 4P	1)	D611 D801 D802	8-719-945-80 8-719-900-26	DIODE DINL20 DIODE ERCO6-15S DIODE ERD29-08J	
		PIN, CONNECTOR (POWER) PIN, CONNECTOR (5MM PITCH) 3P		D851 D852	8-719-302-43 8-719-028-72	DIODE EL1Z DIODE RGP02-17EL-6433	
		PIN, CONNECTOR (5MM PITCH) 2P PIN, CONNECTOR (5MM PITCH) 4P		D853 D855 D857 D858	8-719-302-43 8-719-302-43 8-719-908-03 8-719-908-03	DIODE EL1Z DIODE GPO8D	
		<trimmer></trimmer>		D860		DIODE 1SS119-25	
CT45 CT55 CT60 CT65	1-404-801-11 1-409-429-11	TRAP, CERAMIC TRAP, CERAMIC TRAP, CERAMIC TRAP, CERAMIC TRAP, CERAMIC (6.5MHZ)		D891 D901 D1201 D1202 D1207	8-719-054-60 8-719-121-24 8-719-121-24	DIODE ERCO6-15S DIODE LN0220022G DIODE RD9.1ESL DIODE RD9.1ESL DIODE RD9.1ESL	
		<diode></diode>		D1208 D1504		DIODE RD9.1ESL DIODE 1SS119-25	
D001 D002 D003	8-719-911-19	DIODE RD4.7ESB2 DIODE 1SS119-25 DIODE MA113-(TX)		D1504 D1505		DIODE RD5. 1ESB1	
D004 D005		DIODE RD5. 1ESB1 DIODE RD5. 1ESB1		500	_	<fuse></fuse>	
D101 D102 D103	8-719-109-81	DIODE MA113-(TX) DIODE RD4.7ESB2 DIODE DA204K		POUL 2		PUSE, TIME_LAG (BET) 8.45A/250V (KY-C25MI (ME)/(HK), KY-C25MII)	
D251 D252		DIODE 1SS119-25 DIODE DA204K				<ferrite bead=""></ferrite>	
D301 D302 D303 D304	8-719-041-97 8-719-041-97	DIODE MA113-(TX) DIODE MA113-(TX) DIODE MA113-(TX) DIODE MA113-(TX) DIODE MA113-(TX)		FB101 FB102 FB251 FB601 FB603	1-410-397-21 1-410-397-21 1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH	
D305 D306	8-719-911-19	DIODE MA113-(TX) DIODE 1SS119-25		FB610 FB611	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH FERRITE BEAD INDUCTOR 1.1UH	
D307 D308 D310 D311	8-719-109-54 8-719-041-97	D DIODE 1SS119-25 DIODE RD2. 2ESB2 DIODE MA113-(TX) DIODE RD3. 6ESB1		FB801 FB801		FERRITE BEAD INDUCTOR 1.1UH (KV-G25M1(ME)/(HK), KV-G25M11) COIL, AIR CORE (KV-G25M1(RUSS))	
D312 D313		B DIODE RD8.2ESB2 7 DIODE MA113-(TX)				<ic></ic>	
D314 D351 D401	8-719-041-97 8-719-908-03 8-719-421-40	7 DIODE MA113-(TX) 3 DIODE GPO8D 0 DIODE MA77		IC001 IC002 IC003 IC004	8-759-805-37 8-759-093-95 8-741-790-11	IC CXP85116B-615S IC L78LR05D-MA IC CAT24C04P ELEMENT, RAY-CATCHER SBX1790-11	
D402 D403	8-719-911-19	9 DIODE 1SS119-25 9 DIODE 1SS119-25		IC102	8-759-157-40		
D513 D551 D561	8-719-908-03	4 DIODE RD5. 1ESB1 3 DIODE GPO8D 9 DIODE 1SS119-25		IC203 IC300 IC351	8-759-336-30 8-759-339-50 8-759-293-27	IC TDA8366N3D	

The components identified by shading and mark \(\frac{\Lambda}{\Lambda}\) are critical for safety. Replace only with part number specified.



7. NO.	PART NO.	DESCRIPTION			F	REMARK	REF. NO.	PART NO.	DESCRIPTION				REMARK
C330	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V		C609	1-126-600-11	ELECT	100MF	20%	160V	
C332	1-136-165-00		0.1MF	5%	50V		C610	1-126-942-61	ELECT	1000MF	20%	16V	
C333	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V		C612	1-102-228-00	CERAMIC	470PF	10%	500V	
C335	1-102-973-00	CERAMIC	100PF	5%	50V		C613	1-102-824-00	CERAMIC	470PF	5%	50V	
C337	1-124-916-11	ELECT	22MF	20%	50V								
							C614	1-124-557-11		1000MF	20%	25V	
C338		CERAMIC CHIP		10%	16V		X 2000 AND	1-164-497-51			CANADA ARRA	400V	
C339		CERAMIC CHIP		5%	50V		C616	1-102-228-00		470PF	10%	500V	
C340		CERAMIC CHIP		10%	50V		C620	1-136-619-11		0.0016MF		2KV	
C342		CERAMIC CHIP		10%	25V		U6Z1 Z	L1-136-548-13	PILM	0.1MF	LUA	250V	
C344	1-124-907-11	ELECT	10MF	20%	50V		C622	1-106-383-00	MVI AD	0.047MF	10%	200V	
C350	1-104-664-11	FIRCT	47MF	20%	16V		C623	1-124-120-11		220MF	20%	16V	
C351		CERAMIC CHIP		10%	25V		C624	1-126-942-61	ELECT	1000MF	20%	16V	
C352		CERAMIC CHIP		10%	25V		C625	1-102-074-00			10%	50V	
C358		CERAMIC CHIP		10%	25V			N 1-164-497-51		470PF	10%	400V	
C359	1-104-665-11	ELECT	100MF	20%	16V		3,00,00,20,000					,,,,	
							C631	1-161-830-00		0.0047MF	99%		
367	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V		C801	1-123-024-21		33MF		160V	
C368		CERAMIC CHIP		10%	25V		C802	1-106-367-00		0.01MF		200V	
C369		CERAMIC CHIP	-	10%	25V		C804		CERAMIC CHIP		10%	50V	
C370		CERAMIC CHIP		10%	25V		C805	1-102-244-00	CERAMIC	220PF	10%	500V	
C374	1-124-910-11	ELECT	47MF	20%	50V		COOC	1-124-903-11	pi por	1MF	20%	50V	
C375	1-124-910-11	EI ECT	47MF	20%	507		C806 C807	1-124-905-11		0.82MF	5%	200V	
C402		CERAMIC CHIP		10%	50V		C808	1-130-959-00				400V	
C402	1-124-916-11		22MF	20%	50V		C809	1-162-115-00		330PF	10%	2KV	
C405		CERAMIC CHIP		-	50V		C810	1-106-365-00		0.0082MF			
C406		CERAMIC CHIP			50V								
							C811	1-162-318-11	CERAMIC	0.001M		500V	
407		CERAMIC CHIP			50V		C812	1-136-617-11		0.019M	3%	2KV	
C408		CERAMIC CHIP			50V		C816	1-123-947-00		10MF		160V	
C409		CERAMIC CHIP		5%	50V		C820	1-162-135-11		560PF	10%	2KV	
C410		CERAMIC CHIP		5%	50V		C821	1-106-391-12	MYLAR	0.1MF	10%	200V	
C411	1-163-113-00	CERAMIC CHIP	68PF	5%	50V		0000	1 100 541 11	ETTM) EME	5%	200V	
C410	1 100 110 00	CEDANTE CUID	CODE	ΕW	50V		C822 C823	1-136-541-11	CERAMIC CHIP	1.5MF	10%	50V	
C412 C413	1-103-113-00	CERAMIC CHIP	100MF	5% 20%	16V		C825	1-106-367-00		0.01MF	10%	200V	
C413		CERAMIC CHIP		5%	50V		C850	1-124-480-11		470MF	20%	25V	
C415		CERAMIC CHIP		-	50V		C852	1-104-574-11		0.0047MF		2KV	
C416		CERAMIC CHIP		5%	50V								
							C853	1-162-318-11	CERAMIC	0.001MF	10%	500V	
<i>A</i> 17	1-163-117-00	CERAMIC CHIP	100PF	5%	50V		C854	1-124-480-11		470MF	20%	25V	
C418	1-216-295-00	CONDUCTOR, C	HIP (2012	()			C856	1-162-318-11				500V	
C419		CERAMIC CHIP		5%	50V		C857	1-130-493-00			5%	50V	
C420	1-104-664-11		47MF	20%	16V		C860	1-102-228-00	CERAMIC	470PF	10%	500V	
C422	1-216-295-00	CONDUCTOR, C	HIP (2012	()			C961	1-107-654-11	ET ECT	33MF	204	250V	
C423	1 216 205 00	COMPLICATOR C	מזני	(201	2)		C861 C875	1-107-054-11		47MF	20%	50V	
C423) CONDUCTOR, C) CONDUCTOR, C		(201			C876	1-124-910-11		0.068MF		100V	
C425		CERAMIC CHIP			50V		C891		CERAMIC CHIP		10%	50V	
C501	1-102-228-00		470PF		500V		C898	1-106-379-12			10%		
C523	1-104-665-11		100MF	20%	16V								
_							C901		CERAMIC CHIP		5%	50V	
C548	1-106-220-00	MYLAR	0.1MF	10%	100V		C902	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	
C551	1-126-968-11		100MF	20%	35V		C1201	1-104-665-11		100MF	20%	16V	
C552	1-126-968-11		100MF	20%	35V		C1202		CERAMIC CHIP		10%	25V	
C553		CERAMIC CHIE			50V		C1204	1-104-665-11	ELECT	100MF	20%	16V	•
C554	1-102-244-0	CERAMIC	220PF	10%	500V		C100F	1 104 004 11	CEDANTC CUID	0 11/12	1.00	OEV	
CEEE	1 101 004 0	CEDANTO	1.000	EN	EOON		C1205	1-164-004-11	CERAMIC CHIP	0.1MF	10% 20%	25V 16V	
C555 C562	1-101-804-00		10PF 100MF	5% 20%	500V 16V		C1210 C1213	1-104-665-11	FIECT	100MF	20%	50V	
601	1-104-665-11 1-162-318-11		0.001MF		500V		C1213	1-124-903-11	ELECT	10MF	20%	50V	
C602	1-161-830-0		0.0047MI				C1217	1-104-665-11	ELECT	100MF	20%	16V	
C604		ELECT (BLOCK)			400V		7.5.	1 111 000 11		3			
	1 100 100 1						C1218	1-163-123-00	CERAMIC CHIP	180PF	5%	50V	
C608	1-104-332-1	1 CERAMIC	470PF	10%	2KV		C1221		CERAMIC CHIP			25V	



REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		REMAR
R021	1 216 065 00	METAL GLAZE	1 7K 5	1/10W	R266	1_216_089_00	METAL GLAZE	47K 5%	1/10W
R021	1-216-065-00			1/10W	R301	1-216-073-00			1/10W
R028		METAL GLAZE		1/10W	R302	1-216-035-00			1/10W
R029	1-216-065-00			1/10W	R303	1-216-025-00			1/10W
R030		METAL GLAZE		1/10W	Ross	1 210 020 00		100	1, 10
1000	1 210 000 00	METTE GRADE	00.1	2, 201,	R304	1-216-025-00	METAL GLAZE	100 5%	1/10W
R031	1-216-049-00	METAL GLAZE	1K 5%	1/10W	R305	1-216-025-00			1/10W
R033	1-216-049-00			1/10W	R306	1-216-025-00			1/10W
R035	1-216-049-00			1/10W	R307	1-216-025-00	METAL GLAZE	100 5%	1/10W
R036	1-216-049-00			1/10W	R308	1-216-033-00	METAL GLAZE	220 5%	1/10W
R038		METAL GLAZE		1/10W					
					R309		METAL GLAZE	220 5%	1/10W
R040	1-216-033-00	METAL GLAZE	220 5%	1/10W	R310	1-216-097-00			1/10W
R041	1-216-025-00	METAL GLAZE	100 5%	1/10W	R311		METAL GLAZE	12K 5%	1/10W
R042	1-216-039-00	METAL GLAZE	390 5%	1/10W	R312	1-216-025-00	METAL GLAZE		1/10W
R043	1-216-079-00	METAL GLAZE	18K 5%	1/10W	R313	1-216-089-00	METAL GLAZE	47K 5%	1/10W
R044	1-216-073-00	METAL GLAZE	10K 5%	1/10W					
					R314	1-216-025-00			1/10W
R046	1-216-097-00	METAL GLAZE	100K 5%	1/10W	R315	1-216-081-00			1/10W
R047				1/10W	R316	1-216-065-00	METAL GLAZE		1/10W
R048	1-216-025-00	METAL GLAZE	100 5%	1/10W					-G25M11)
R049				1/10W	R317	1-216-049-00	METAL GLAZE		1/10W
R050	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W					-G25M11)
					R318	1-216-099-00	METAL GLAZE	120K 5%	1/10W
R051		METAL GLAZE		1/10W					
R052				1/10W	R319		METAL GLAZE		1/10W
R054	1-216-073-00	METAL GLAZE	10K 5%	1/10W	R320	1-216-083-00			1/10W
R057		METAL GLAZE			R321	1-216-689-11			50% 1/10W
R059	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W	R322		METAL GLAZE		1/10W
			000 50	1 (1 OF	R324	1-216-121-00	METAL GLAZE	1M 5%	1/10W
R067		METAL GLAZE		1/10W	DOOF.	1 016 005 00	METAL CLATE	100 50	1 /1 007
R068		METAL GLAZE		1/10W	R327	1-210-025-00	METAL GLAZE		1/10W
R071		METAL GLAZE		1/10W	D227	1 216 205 00	CONDUCTOR, C		-G25M11)
R076		METAL GLAZE		1/10W	R327				1/10W
R077	1-216-025-00	METAL GLAZE	100 5%	1/10W	R328	1-210-025-00	METAL GLAZE		-G25M11)
DOOO	1 216 072 00	METAL GLAZE	10V E0	1/10W	R328	1 216 205 00	CONDUCTOR, C		
R090		METAL GLAZE		1/10W	R329		METAL GLAZE		1/10W
R101 R102		METAL GLAZE		1/10₩	1025	1-210-020-00	MOTAL CLIEB		-G25M11)
R102		METAL GLAZE		1/10W				(11,1	0001111)
R113		METAL GLAZE		1/10W	R329	1-216-295-00	CONDUCTOR, C	HIP (2012)	KV-G25N1)
KIIJ	1-210-001-00	METAL GLAZE	ZZII OA	1/10#	R330		METAL GLAZE		1/10W
R114	1_216_041_00	METAL GLAZE	470 59	1/10W	R332		METAL GLAZE		1/10W
R115		METAL GLAZE		1/10W	R334		METAL GLAZE		1/10W
R116		METAL GLAZE		1/10W	1.001				-G25M11)
R117		METAL GLAZE		1/10W	R335	1-216-073-00	METAL GLAZE		1/10W
R118	1-216-081-00	METAL GLAZE		1/10W					
24210	1 210 001 00				R336	1-216-077-00	METAL GLAZE	15K 5%	1/10W
R119	1-216-055-00	METAL GLAZE	1.8K 59	1/10W	R338		METAL GLAZE		1/10W
R120		METAL GLAZE		3 1/10W	R339	1-216-036-00	METAL GLAZE	300 5%	1/10W
R131		METAL OXIDE					METAL GLAZE	270 5%	1/10W
R180		METAL GLAZE		1/10W	R341	1-216-049-00	METAL GLAZE	1K 5%	1/10W
R181		METAL GLAZE	220 59		1				
					R351	1-216-001-00	METAL GLAZE	10 5%	1/10W
R182	1-216-033-00	METAL GLAZE	220 59	6 1/10W	R355		METAL GLAZE	10 5%	1/10W
R242	1-216-043-93	METAL GLAZE	560 59	1/10W	R356	1-216-049-00	METAL GLAZE		1/10W
R243		METAL GLAZE		6 1/10W	R403		METAL GLAZE		1/10W
R244		METAL GLAZE		6 1/10W	R406	1-216-065-00	METAL GLAZE	4.7K 5%	1/10W
R245		METAL GLAZE		6 1/10W					
					R407	1-216-063-00	METAL GLAZE	3.9K 5%	1/10W
R250	1-216-295-0	CONDUCTOR,	CHIP (2012)		R408		METAL GLAZE		1/10W
R251		CONDUCTOR,			R409		METAL GLAZE		1/10W
R252	1-249-411-1		330 59	6 1/4W	R410	1-216-073-00	METAL GLAZE	10K 5%	1/10W
R253		METAL GLAZE	10K 59	6 1/10W	R411	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W
R254	1-249-389-1	1 CARBON	4.7 59	6 1/4W					
					R412		METAL GLAZE		1/10W
R265	1-216-061-0) METAL GLAZE	3.3K 5	6 1/10W	R413	1-216-057-00	METAL GLAZE	2.2K 5%	1/10W

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.



EF. NO.	PART NO.	DESCRIPTION REM	IARK	REF. NO.	PART NO.	DESCRIPTIO	N		REMARK
IC354 IC401	8-759-251-56 8-759-800-65			Q208 Q210 Q301	8-729-901-01 8-729-900-98 8-729-900-53	TRANSISTOR	DTC143TK		
IC521 IC551 IC601	8-759-195-63 8-759-801-98 8-749-010-84			Q302	8-729-120-28	TRANSISTOR		5L6 (KV-G25M11)
IC602 IC603 A	8-749-920-61			Q303 Q402 Q403	8-729-120-28 8-729-922-66 8-729-900-98	TRANSISTOR	2SC1623-L5 2SC2410SN		,
	8-759-100-96 8-759-100-96			Q404	8~729–900–98	TRANSISTOR	DTC143TK		
		<jack></jack>		Q405 Q406 Q407	8-729-216-22 8-729-216-22 8-729-216-22	TRANSISTOR TRANSISTOR	2SA1162-G 2SA1162-G		
J251 J1201	1-770-785-11 1-770-660-11	JACK BLOCK, PIN 4P		Q408 Q409	8-729-120-28 8-729-216-22	TRANSISTOR	2SA1162-G	SL6	
J1202	1-695-238-11	JACK BLOCK, PIN 2P		Q410 Q411 Q412	8-729-216-22 8-729-120-28 8-729-120-28	TRANSISTOR	2SC1623-L5		
JR102	1-216-295-00	<chip conductor=""> CONDUCTOR, CHIP (2012)</chip>		Q413 Q414	8-729-900-98 8-729-120-28			L6	
JR103	1-216-295-00	CONDUCTOR, CHIP (2012) (KV-G25M11) CONDUCTOR, CHIP (2012)		Q415 Q416 Q417	8-729-900-98 8-729-120-28 8-729-900-98	TRANSISTOR TRANSISTOR	2SC1623-L5 DTC143TK	L6	
		<coil></coil>		Q418 Q561	8-729-900-98 8-729-200-17				
L002 L003 L101 L301 L401	1-410-470-11 1-408-411-00 1-410-396-41 1-408-609-41 1-410-498-11	INDUCTOR 15UH FERRITE BEAD INDUCTOR 0.45UH INDUCTOR 33UH		Q601 Q801 Q802 Q821 Q902	8-729-120-28 8-729-140-96 8-729-016-32 8-729-018-99 8-729-901-01	TRANSISTOR TRANSISTOR TRANSISTOR	2SD774-34 2SC4927-01 2SD2394-F		
L402 L403 L404 L405 L406	1-410-510-11 1-410-510-11 1-410-508-11 1-410-508-11 1-410-507-11	INDUCTOR 12UH INDUCTOR 8.2UH INDUCTOR 8.2UH		Q903 Q1201 Q1202 Q1203 Q1204	8-729-901-01 8-729-120-28 8-729-120-28 8-729-120-28 8-729-216-22	TRANSISTOR TRANSISTOR TRANSISTOR	2SC1623-L5 2SC1623-L5 2SC1623-L5	L6	
L407 L408 L409 L410 L411	1-535-303-00 1-535-303-00	INDUCTOR 15UH LEAD, JUMPER (5. OMM) LEAD, JUMPER (5. OMM) LEAD, JUMPER (5. OMM) LEAD, JUMPER (5. OMM)		Q1207 Q1208 Q1265 Q1513	8-729-120-28 8-729-120-28 8-729-900-98 8-729-120-28	TRANSISTOR TRANSISTOR	2SC1623-L5 DTC143TK	L6	
L802 L804 L805 L807 L808	1-459-907-11	COIL, DYNAMIC CONVERSION CHOKE COIL, HORIZONTAL LINEARITY COIL (WITH CORE)		R001 R002 R003	1-216-065-00 1-216-065-00 1-216-065-00	METAL GLAZE	4.7K	5% 1/10W 5% 1/10W 5% 1/10W	
L821 L850		COIL, DRAM CORE (CDI)		R004 R007	1-216-065-00 1-216-073-00	METAL GLAZE	4.7K	5% 1/10W 5% 1/10W	
		<transistor></transistor>		R008 R009 R010 R012	1-216-049-00 1-216-049-00 1-216-049-00 1-216-017-00	METAL GLAZE METAL GLAZE	1K 1K	5% 1/10W 5% 1/10W 5% 1/10W 5% 1/10W	
Q030 Q031 Q108	8-729-216-22	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SA1162-G TRANSISTOR 2SC1623-L5L6		R013 R014	1-216-049-00	METAL GLAZE	1K	5% 1/10W 5% 1/10W	
)109 Q110 Q202	8-729-120-28 8-729-120-28	TRANSISTOR 2SC1623-L5L6 TRANSISTOR 2SC1623-L5L6		R015 R018 R019	1-216-043-91 1-216-033-00 1-216-101-00	METAL GLAZE METAL GLAZE METAL GLAZE	560 220 150K	5% 1/10W 5% 1/10W 5% 1/10W	
Q207		TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G		R020	1-216-025-00	METAL GLAZE		5% 1/10W KV-G25M11)	

KV-G25M1/G25M11

niii



REF. NO. PART NO. DESCRIPTION REMARK REF. NO. PART NO. DESCRIPTION REMARI. R910 1-216-061-00 METAL GLAZE 3.3K 5% 1/10W <TRANSFORMER> 1-216-071-00 METAL GLAZE R911 8.2K 5% 1/10W 1-216-041-00 METAL GLAZE 470 T601 A 1-429-139-11 TRANSPORMER (CONVERTER (SRT) R913 5% 1/10W T605 A.1-424-461-11 TRANSFORMER LINE FILTER 1-216-041-00 METAL GLAZE 470 R914 5% 1/10W T801 1-437-195-11 TRANSFORMER, HORIZONTAL DRIVE T851 A.1-453-190-11 TRANSFORMER ASSY FEXBACK R915 1-216-071-00 METAL GLAZE 8.2K 5% 1/10W (NX-2743//AGB) 1-216-023-00 METAL GLAZE 82 5% 1/10W R1201 1-216-049-00 METAL GLAZE R1202 1K 5% 1/10W R1203 1-216-089-00 METAL GLAZE 47K 5% 1/10W 1-216-023-00 METAL GLAZE 82 1/10W <THERMISTOR> R1205 5% 1-216-089-00 METAL GLAZE R1206 47K 5% 1/10W TTP601A 1-810-961-11 THERMISTOR, POSITIVE 1-216-021-00 METAL GLAZE 5% 1/10W R1211 68 R1212 1-216-049-00 METAL GLAZE 1K 5% 1/10W 1-216-113-00 METAL GLAZE R1215 470K 5% 1/10W <TUNER> R1216 1-216-113-00 METAL GLAZE 470K 5% 1/10W 1-216-041-00 METAL GLAZE 470 TU101 A.8-598-323-00 TUNER BT-AC401 R1218 5% 1/10W R1219 1-216-073-00 METAL GLAZE 10K 5% 1/10W 1-216-049-00 METAL GLAZE R1220 1K 5% 1/10W <CRYSTAL> 1-216-073-00 METAL GLAZE 10K 5% 1/10W R1221 1-216-689-11 METAL GLAZE 39K 1-577-082-11 VIBRATOR, CERAMIC R1227 5% 1/10\ X101 R1228 1-216-049-00 METAL GLAZE 1K 5% 1/10W X300 1-404-835-31 COIL. IF X358 1-567-505-11 OSCILLATOR, CRYSTAL R1229 1-216-041-00 METAL GLAZE 470 5% 1/10W X443 1-567-504-11 OSCILLATOR, CRYSTAL 1-216-073-00 METAL GLAZE 10K R1230 5% 1/10W *************** 1-216-049-00 METAL GLAZE R1231 1K 5% 1/10W R1232 1-216-063-00 METAL GLAZE 3.9K 5% 1/10W R1233 1-216-057-00 METAL GLAZE 2.2K 5% 1/10W * A-1331-428-A C BOARD, COMPLETE R1235 1-216-689-11 METAL GLAZE 39K 5% 1/10W 1-249-389-11 CARBON 1/4W R1239 4.7 5% F 1-216-025-00 METAL GLAZE 100 R1240 5% 1/10W <CAPACITOR> 1-216-049-00 METAL GLAZE 1K R1241 5% 1/10W 1-216-025-00 METAL GLAZE 100 5% 1/10W 1-162-114-00 CERAMIC 0.0047MF 2KV R1243 C701 1-102-074-00 CERAMIC 0.001MF 10% C702 50V R1245 1-216-037-00 METAL GLAZE 330 5% 1/10W C704 1-130-202-00 FILM 0.022MF 5% 400V 1-216-037-00 METAL GLAZE 330 5% 1/10W C708 1-102-114-00 CERAMIC 470PF 50V R1246 10% 1-216-041-00 METAL GLAZE 1-102-114-00 CERAMIC R1247 470 5% 1/10W C709 470PF 10% 50V 1-216-051-00 METAL GLAZE 1.2K 5% 1/10W R1248 1-216-041-00 METAL GLAZE 50V C710 1-102-114-00 CERAMIC 470PF R1249 470 5% 1/10W 10% C712 1-101-361-00 CERAMIC 150PF 50V 1-216-073-00 METAL GLAZE 10K 1-102-971-00 CERAMIC 82PF R1513 5% 1/10W C713 5% 50V 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W 1-101-361-00 CERAMIC 150PF 50V R1514 C714 5% 1-216-025-00 METAL GLAZE 100 5% 1/10W 1-124-122-11 ELECT 100MF 20% 50V R1515 C716 <SWITCH> <CONNECTOR> S601 <u>A 1-762-087-11 SWITCH, PUSH (AC POWER)</u>
S801 1-572-707-11 SWITCH, LEVER CN701 *1-508-766-00 PIN, CONNECTOR (5MM PITCH) 4P CN703 *1-564-509-11 PLUG, CONNECTOR 6P S901 1-570-577-11 SWITCH, PUSH CN704 1-695-915-11 TAB (CONTACT) 1-570-577-11 SWITCH, PUSH S902 1-570-577-11 SWITCH, PUSH 5903 <DTODE> S904 1-570-577-11 SWITCH, PUSH 1-570-577-11 SWITCH, PUSH 8-719-911-19 DIODE 1SS119-25 S905 D701 D702 8-719-911-19 DIODE 1SS119-25 8-719-911-19 DIODE 1SS119-25 D703 8-719-911-19 DIODE 1SS119-25 <SPARK GAP> D704 D705 8-719-911-19 DIODE 1SS119-25 SG801 1-519-422-11 GAP, SPARK D706 8-719-911-19 DIODE 1SS119-25 8-719-911-19 DIODE 1SS119-25 D707 <FILTER> D708 8-719-911-19 DIODE 1SS119-25 8-719-911-19 DIODE 1SS119-25 D709 8-719-911-19 DIODE 1SS119-25 SWF401 1-760-771-11 FILTER, SURFACE WAVE D710

The components identified by shading and mark \(\frac{\Lambda}{2}\) are critical for safety. Replace only with part number specified.

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EF. NO.	PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION			F	EMARK
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W		R617	1-215-924-00	METAL OVERE	150	ΕW	200	
R415	1-216-033-00				1/10W		R619	1-249-377-11		15K 0.47	5% 5%	3₩	F
R416		METAL GLAZE			1/10W		R621	1-211-748-11		5.6	5%	1/4W	F
	1 210 000 00	MDTTE GENER	420	0.0	1/1011		R622	1-217-190-21		0.15	10%	5W 2W	F F
R417	1-216-033-00	METAL GLAZE	220	5%	1/10W		R623	1-247-807-31		100	5%	1/4W	г
R418	1-216-045-00	METAL GLAZE			1/10W			1 211 001 01	CILLEDOIN	100	0.0	1/211	
R419	1-216-049-00	METAL GLAZE			1/10W		R624	1-215-881-11	METAL OXIDE	15	5%	2W	F
R420	1-216-039-00	METAL GLAZE	390	5%	1/10W		R625	1-249-424-11		3.9K	5%	1/4W	•
R421	1-216-033-00	METAL GLAZE	220	5%	1/10W		R626	1-249-420-11	CARBON	1.8K	5%	1/4W	
							R627	1-249-417-11	CARBON	1K	5%	1/4W	
R422	1-216-027-00				1/10₩		R628	1-249-417-11	CARBON	1K	5%	1/4W	
R423	1-216-029-00				1/10W		B404						
R424 R425	1-216-057-00 1-216-039-00				1/10W		R629	1-249-401-11		47	5%	1/4W	A _
R425	1-216-039-00				1/10\\ 1/10\\		R635	1-215-882-00	METAL OXIDE		5%	2₩	F
RAZO	1-210-025-00	WEINE GLAZE	130	مر	1/10#		R636	1 215 024 00	MOTAL OVER		•	25M11)	
R427	1-216-037-00	METAL GLAZE	330	5%	1/10W		R801	1-215-924-00 1-215-920-11		15K 3.3K	5% 5%	3₩ 3₩	F F
R428	1-216-081-00				1/10W		R802	1-249-387-11	CARBON	3.3n	5%	1/4W	F
R429	1-216-039-00				1/10W		1.002	1 210 00. 11	OZBEDON	5.5	J.N	1/311	r
R430	1-216-041-00	METAL GLAZE			1/10W		R804	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R431	1-216-081-00	METAL GLAZE			1/10W		R805	1-216-081-00	METAL GLAZE	22K		1/10W	
							R808	1-535-303-00	LEAD, JUMPER	(5.0MM)			
R432	1-216-041-00				1/10W		R809	1-247-756-11		2.2K	5%	1/2W	F
R433	1-216-081-00				1/10₩		R811	1-216-346-00	METAL OXIDE	0.56	5%	1₩	F
R434 R435	1-216-041-00				1/10₩		7010						
R435	1-216-041-00 1-216-081-00				1/10W 1/10W		R812	1-216-075-00				1/10W	
1430	1-210-001-00	METAL GLAZE	22N	0.0	1/10#		R816 R820	1-249-430-11 1-216-053-00		12K	5%	1/4W	
R437	1-216-081-00	METAL GLAZE	22K	5%	1/10W		R821	1-215-910-00		1.5K	5%	1/10W 3W	F
R440	1-216-029-00				1/10W		R822	1-216-429-00			5%	1W	F
R441	1-216-021-00				1/10W			2 210 120 00	MIDTING ONLINE	210	0.0	111	1
R521	1-216-049-00	METAL GLAZE	1K	5%	1/10W		R823	1-247-756-11		2.2K	5%	1/2W	F
R552		METAL GLAZE			1/10W		R825	1-249-392-11		8.2		1/4W	F
		(KV-G25M1 (RUS	SS)/(HK), I	KV-G	25M11)		R826	1-216-059-00	METAL GLAZE	2.7K		1/10\	
DECO		COMPLICATION OF	(co.e)				R827	1-216-097-00				1/10W	
R553		CONDUCTOR, CH			00111		R828	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	
R555	1-249-429-11	(KV-G25M1 (RUS			25M11) 1/4W		BOOO	1 010 050 00	MDDAY OF ACT				
R556		METAL GLAZE			1/10W		R829 R831	1-216-053-00 1-216-426-11	METAL GLAZE	1.5%	5% 5%	1/10₩	r
R557		METAL GLAZE			1/10W		R832	1-216-057-00		2.2K		1W 1/10W	F
R56O		CONDUCTOR, CH			-, -0		R834	1-216-073-00		10K		1/10W	
							R851	1-249-382-11		1.2		1/4W	F
R561	1-249-421-11			5%	1/4W							-,	_
R562	1-249-420-11	CARBON			1/4W	F	R852	1-249-923-11		1K	5%	1/4W	F
R563	1-247-885-00				1/4W		R853	1-249-377-11		0.47	5%	1/4W .	
R564 R565	1-216-091-00				1/10W		R854	1-249-377-11		0.47	5%	1/4W	F
1,303	1-210-091-00	METAL GLAZE	56K	3%	1/10W		R855	1-202-818-00		1K		1/2W	
R566	1-216-065-00	METAL GLAZE	4 7K	5%	1/10W		R856	1-249-425-11	CARDUN	4.7K	5%	1/4W	
R569	1-247-883-00				1/4₩		R857	1-249-438-11	CARRON	56K	5%	1/4W	
R57O		CONDUCTOR, CH	IIP (2012)	1	_/ #11		R858	1-216-370-11		1. 2	5%	1/4W 2W	FZ
		(KV-G25M1 (RUSS	S)/(HK), H	⟨V–G	25M11)		R860	1-247-887-00		220K	5%	1/4W	12
R603	1-249-416-11	CARBON		5%	1/4₩	F	R881	1-216-043-91		560		1/10W	
R604	1-249-416-11	CARBON	820	5%	1/4W	F	R882	1-216-059-00	METAL GLAZE	2.7K		1/10W	
R606	1 015 015 11	MARTI OFFICE	470			_	2000						
R608		METAL OXIDE		5%	3₩	F	R883	1-216-121-00		1M		1/10W	
R609	1-535-303-00	LEAD, JUMPER		5%	1/4W		R895 R898	1-216-348-00		0.82	5%	1₩	F
R61O	1-215-924-00			5%	3W	F	R902	1-249-421-11	CARBON	2.2K		1/4W	
R611	1-202-933-61				1/2₩	F	R902 R904	1-216-065-00 1-216-065-00	METAL CLAZE	4. 1K		1/10W 1/10W	
				~	_/ = !!	•	1004	1 510-000-00	METAL GLAVE	4. IN	J/0 .	1/ 10M	
R612	1-249-377-11			5%	1/4W	F	R905	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
3613	1-249-377-11			5%	1/4W	F		1-216-049-00	METAL GLAZE	1K		1/10W	
R614	1-215-877-11			5%	1₩	F	R907	1-216-055-00	METAL GLAZE	1.8K	5%	1/10 W	
R615	1-249-389-11	CARBON METAL		5% ##	1/4W		R908	1-216-055-00	METAL GLAZE	1.8K		1/10W	
4	11-610-600-31	MEINE	U. 48	5% -	18		R909	1-216-061-00	METAL GLAZE	3. 3K	5%	1/10W	





The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REM	ARI
		<transformer></transformer>					<ic></ic>				
T1601 T1602	<u>N 1-424-436-11</u> N 1-424-436-11	TRANSFORMER LINE FILT	TER TER		IC01 IC02	8-759-324-28 8-759-298-63		Æ			
*******	**********	**********	******	******			<chip conduc<="" td=""><td>TOR></td><td></td><td></td><td></td></chip>	TOR>			
	* A-1347-103-A	V1 BOARD, COMPLETE (K	V-G25M	11)	1002	1-216-295-00					
		<capacitor></capacitor>			JR02 JR03 JR04 JR07 JR08	1-216-295-00 1-216-295-00 1-216-295-00 1-216-295-00	CONDUCTOR,	HIP (2012) HIP (2012) HIP (2012)			
C01 C02	1-124-907-11	CERAMIC CHIP 0.022MF ELECT 10MF	20%	25V 50V							
C03 C04	1-163-037-11	CERAMIC CHIP 0.022MF CERAMIC CHIP 0.1MF	10% 10%	25V 25V			<coil></coil>				
C05	1-124-907-11			50V	L01 L03	1-410-464-11 1-410-464-11		3.3UH 3.3UH			
C06	1-163-227-11	CERAMIC CHIP 10PF	0.5PF	50V 50V	L04 L05	1-410-464-11 1-410-464-11	INDUCTOR	3.3UH 3.3UH			
C07 C08	1-163-097-00	CERAMIC CHIP 0.001MF CERAMIC CHIP 15PF	5%	50	L06	1-410-464-11		3.3UH			
C09 C10		CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF		25V 25V							
C11	1-164-346-11	CERAMIC CHIP 1MF	16V				<transistor></transistor>				
C12 C13	1-164-004-11	CERAMIC CHIP 0.1MF CERAMIC CHIP 0.001MF	10%	25V 50V	Q01 Q02	8-729-120-28 8-729-900-53	TRANSISTOR D		6		
C14	1-216-295-00	CONDUCTOR, CHIP	(2012) 20%)	Q03 Q04		TRANSISTOR 2				
C15	1-124-482-11				Q05	8-729-216-22	TRANSISTOR 2	SA1162-G	•		
C16 C17	1-126-963-11 1-164-004-11	CERAMIC CHIP 0.1MF	10%	50V 25V	Q06	8-729-120-28	TRANSISTOR 2	SC1623-L5L	6		
C19 C22	1-164-004-11 1-124-907-11	CERAMIC CHIP 0.1MF	10% 20%	25V 50V	Q07 Q08	8-729-140-96	TRANSISTOR 2	SD774-34			
C23	1-163-038-00	CERAMIC CHIP 0.1MF	25V		Q09	8-729-901-04	TRANSISTOR I	TA114EK			
C25	1-124-907-11		20%	50V			<resistor></resistor>	•			
C26 C27	1-124-119-00 1-104-665-11	ELECT 100MF	20% 20%	16V 16V						. /* 077	
C28 C29	1-163-099-00	CERAMIC CHIP 18PF CERAMIC CHIP 18PF	5% 5%	50V 50V	R01 R02	1-216-057-00	METAL GLAZE METAL GLAZE	2.2K		1/10W 1/10W	
		CERAMIC CHIP 18PF	5%	50V	R03 R04	1-216-085-00	METAL GLAZE METAL GLAZE			1/10W 1/10W	
C30 C31	1-163-099-00	CERAMIC CHIP 18PF	5%	50V	R05		METAL GLAZE	2.2K	5%	1/10W	
					R06	1-216-075-00	METAL GLAZE			1/10W	
		<connector></connector>			R07 R08	1-216-025-00	METAL GLAZE METAL GLAZE	100	5%	1/10W 1/10W	
CN01	*1-770-748-11	CONNECTOR, BOARD TO	BOARD 1	12P	R09 R10		METAL GLAZE METAL GLAZE			1/10\\ 1/10\\	
		<diode></diode>			R11	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
					R12	1-216-057-00	METAL GLAZE METAL GLAZE	2.2K	5%	1/10W 1/10W	
D001 D03	8-719-105-51 8-719-914-43	DIODE RD3.6M-B1 DIODE DAN202K			R13 R16	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
D04	8-719-105-9	DIODE RD5.6M-B2 DIODE DAP202K			R17	1-216-065-00) METAL GLAZE	4.7K	5%	1/10W	
D05 D06	8-719-914-4	B DIODE DAN202K			R18		METAL GLAZE METAL GLAZE			1/10\\ 1/10\\	
					R19 R20	1-216-049-00	METAL GLAZE	1K	5 %	1/10W	
		<ferrite bead=""></ferrite>			R21 R22) METAL GLAZE) METAL GLAZE			1/10W 1/10W	
FB01	1-410-397-2	1 FERRITE BEAD INDUCTO	OR 1.1U	Н	R24		METAL GLAZE		5%	1/10W	
					R25	1-216-025-00	METAL GLAZE	100	5%	1/10W	
					R26	1-216-049-00	METAL GLAZE	1R) A	1/10W	

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Replace only with part number specified.

DESCRIPTION

PART NO.

F. NO.



DESCRIPTION



REMARK

27.110.	TACT NO.	DESCRIT TION		TOMALICE	101.110.	TAKT NO.	DESCRIT TION				CEMMUL
D711	8-719-911-19	DIODE 155119.	-25		R726	1-249-422-11	CARRON	2.7K	5%	1/4W	
D712	8-719-911-19				R727	1-249-422-11		2.7K		1/4W	
D716	8-719-911-19				R728	1-215-410-00		360		1/4W	
D717	8-719-121-24				R729	1-215-410-00		360		1/4W	
2.1.	0 110 101 21	D1000 100. 10	32		R730	1-215-410-00		360		1/4W	
										.,	
		<jack></jack>			R731	1-535-303-00	LEAD, JUMPER	(5.0MM)			
					R732	1-535-303-00	LEAD, JUMPER	(5.0MM)			
J701 Z	A 1-251-239-21	SOCKET, CRT			R733		LEAD, JUMPER				
					R734	1-247-739-11		100		1/2W	
		OOTI.			R738	1-247-807-31	CARBON	100	5%	1/4W	
		<00IL>			R739	1-247-807-31	CAPPON	100	EO	1 /470	
L701	1-410-667-31	TANTICTOR	22UH		R740	1-247-807-31		100 100		1/4W 1/4W	
L702	1-535-303-00				R747		METAL OXIDE		5%	3₩	F
L703	1-408-609-41		33UH		R749		METAL OXIDE		5%	3₩	F
L704	1-535-303-00				R751		METAL OXIDE		5%	3₩	F
L705	1-408-609-41		33UH								
					R753	1-249-429-11		10K	5%	1/4W	
L706	1-535-303-00	LEAD, JUMPER			R755	1-249-427-11		6.8K		1/4W	
L707	1-408-609-41	INDUCTOR	33UH		R756	1-249-427-11		6.8K		1/4W	
					R757	1-249-427-11		6.8K		1/4W	
					R758	1-249-419-11	CARBON	1.5K	5%	1/4W	
		<transistor></transistor>			Paro	1 040 410 11	CADDOM	1 577	-w	1 //17	
Q701	8-729-326-11	TRANSTETOR OF	ecoett		R759 R760	1-249-419-11 1-249-419-11		1.5K 1.5K		1/4W 1/4W	F
Q701	8-729-326-11				K/00	1-249-419-11	CARDON	1. 3h	3%	1/41	г
Q703	8-729-326-11				İ	•					
Q704	8-729-326-11						<variable res<="" td=""><td>SISTORS</td><td></td><td></td><td></td></variable>	SISTORS			
Q705	8-729-326-11	TRANSISTOR 2	SC2611					010.010			
					RV701	1-230-641-11	RES, ADJ, ME	TAL GLAZE	2.2	Á	
Q706	8-729-326-11										
Q707	8-729-200-17										
Q708	8-729-200-17										
Q709		TRANSISTOR 2									
Q710	8-729-119-78	TRANSISTOR 2	SC2785-HFE			*******		******	****	*****	*****
Q711	8-729-119-78	TRANSTETOR 2	SC2785 HEE								
	8-729-119-78					* A-1241-190-A	F1 BOARD CO	MPLETE (K	V_G25	M1 (RHS	(2)
Q714		TRANSISTOR 2				1011 100 11	*******		., 050)M12 (1106	λ,
4	0 120 200 -2										
						1-533-223-11	CLIP, FUSE				
•		<resistor></resistor>			l						
DECT		0.17701/					0.1D.1.0T00D				
	1-244-941-00			1/2W			<capacitor></capacitor>				
R702 R703	1-249-496-11 1-249-496-11	CARBON		1/2W 1/2W	NATIONAL PROPERTY.	4 1 104 TOF T1	727 F M	0.0000	TANK.	******	
R705		METAL OXIDE		-,		∆1-104-706-51	LITE	U. LZEE	200	2301	
	1-215-899-11			2W F							
	1 210 000 11	Onide		- I			<connector></connector>				
R711	1-247-758-11	CARBON	3.3K 5%	1/2W			100111201010				
R712	1-215-899-11	METAL OXIDE	15K 5%	2W F	CN1601	*1-580-843-11	PIN, CONNECTO	OR (POWER	2)		
R713	1-247-758-11	CARBON	3.3K 5%			* 1-580-843-11	PIN, CONNECT	OR (POWER	2)		
R714	1-215-899-11	METAL OXIDE	15K 5%	2W F							
R715	1-247-758-11	CARBON	3.3K 5%	1/2₩							
De1 6	. 0.0 000 11	CAPPOR.	100	1 // 7			<fuse></fuse>				
R716	1-249-899-11		100 5%			* 4 PM *-	NATION AND DESCRIPTION OF THE PERSON OF THE	16 //45		Low need	
R71 7 R718	1-249-405-11		100 5%			1. 1-532-465-31.	rose, lime-L	nu (del)	S. 15/	V COUV	
R719	1-249-899-11 1-215-487-00		100 5% 560K 1%	_, _, _							
R720	1-215-487-00		1K 5%				<resistor></resistor>				
	1-040-411-11	Oznabor1	-11 J/	, 1/3H L			10101010				
.721	1-215-491-00	METAL	820K 19	1/4W	R1601	A.1-202-916-91	SOLID	5.6M	20%	1/28	
	1-249-923-11		1K 59								30000000000000000000000000000000000000
R723	1-215-489-00	METAL	680K 19	1/4W							
R724	1-249-417-11		1K 59								
R725	1-249-422-11	CARBON	2.7K 59	1/4W							

REMARK | REF. NO. PART NO.

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.



REMARK

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	
R27 R28	1-216-071-00 1-216-025-00	METAL GLAZE METAL GLAZE		5% 1/1 5% 1/1				REMOTE COMMANDER	
R29 R30 R31 R32 R33	1-216-071-00 1-216-025-00 1-216-071-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	8. 2K 100 8. 2K	5% 1/1 5% 1/1 5% 1/1 5% 1/1	O₩ O₩		1-473-323-11	REMOTE COMMANDER	(RM-870)
R34 R35 R36 R37 R38	1-216-065-00 1-216-025-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE CARBON	4.7K 100 1K	5% 1/1 5% 1/1 5% 1/1 5% 1/1 5% 1/1	O₩ O₩				
R41 R43		METAL GLAZE CONDUCTOR, CI		5% 1/1	O₩				
R44		METAL GLAZE		5% 1/1					
R45 R46		METAL GLAZE METAL GLAZE		5% 1/1 5% 1/1					
R47	1-216-021-00	METAL GLAZE	68	5% 1/1	OW				
		<crystal></crystal>							
X01	1-579-266-31	CRYSTAL VIBR	ATOR						
· /********	******	******	******	*****	******				

MISCELLANEOUS

1-544-453-21 SPEAKER (2CM)

1-504-305-11 SPEAKER (5X12CM)

1-504-305-11 SPEARER (5A12CM)
A 8-733-234-05 PIETIRE TURE (MERITIAE)
A 8-451-404-11 DECLETION TIME (725CAS)
A 1-40C-619-11 TURE TUREATHETIATION
A 1-574-08-222 CARD TUREATHETIATION
(XY-125M) (ME) AUG (ROSS) AUG (XY-125M) (ME) AUG (

ACCESSORIES AND PACKING MATERIALS

3--800--141--21 MANUAL, INSTRUCTION (KY-G25M1(ME) 3--800--141--41 MANUAL, INSTRUCTION

(KV-G25M1 (HK) /M11)
3-800-141-51 MANUAL, INSTRUCTION (KV-G25M1 (RUSS))

*4-029-168-01 BAG, PROTECTION (KV-G25M11) *4-039-372-01 BAG, PROTECTION (KV-G25M1)

3-701-910-00 SCREW, SPECIAL (DIA. 3.8X20) 4-392-003-11 BAND, HOLD

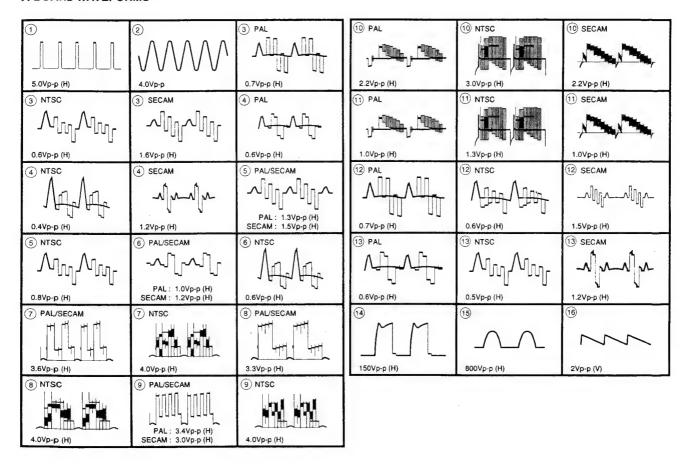
4-392-004-11 CLIP

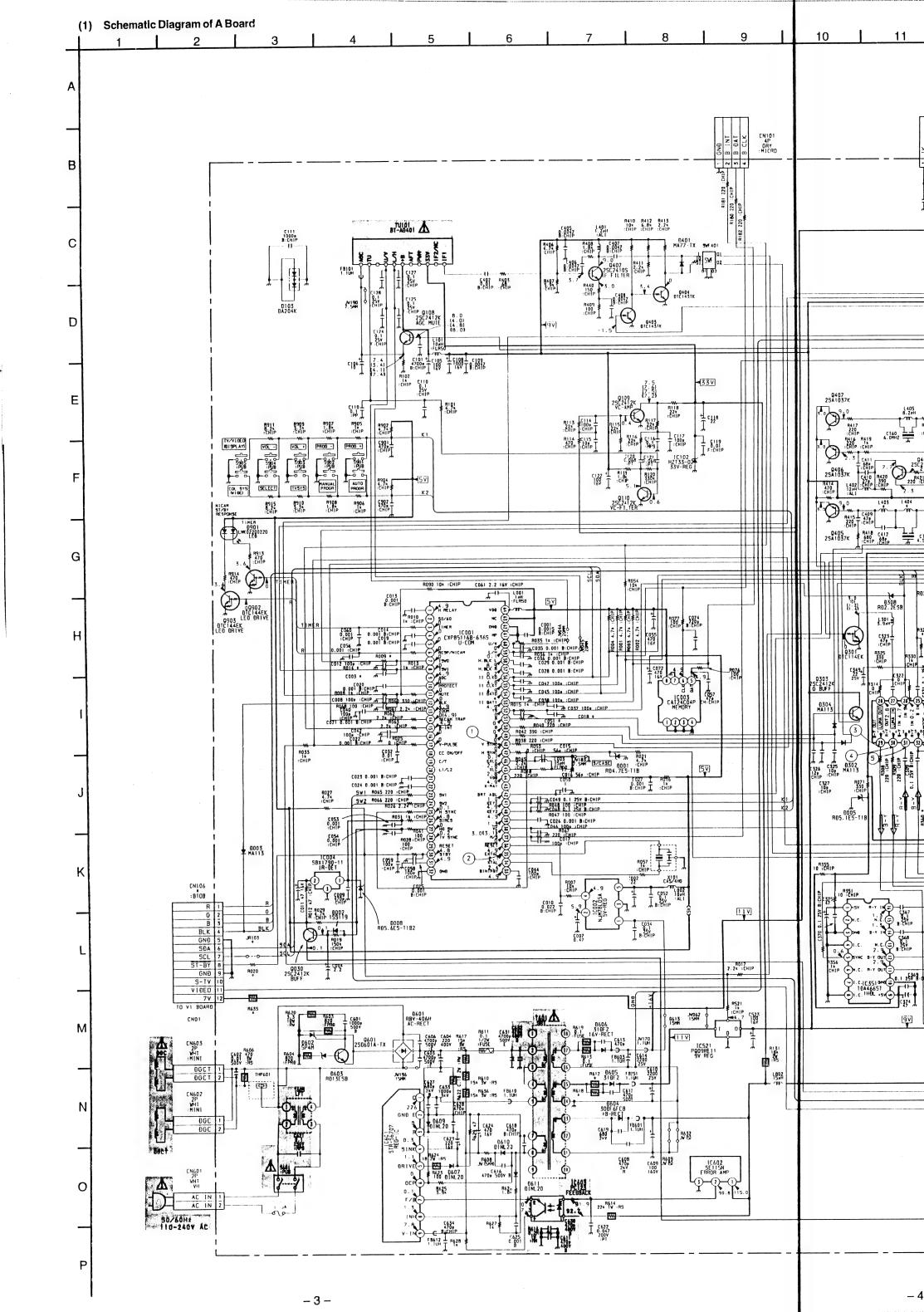
A 1-560-008-11 ADAPTER CONVERSION 2P (IV-12501 (NE) / HI (RISS))

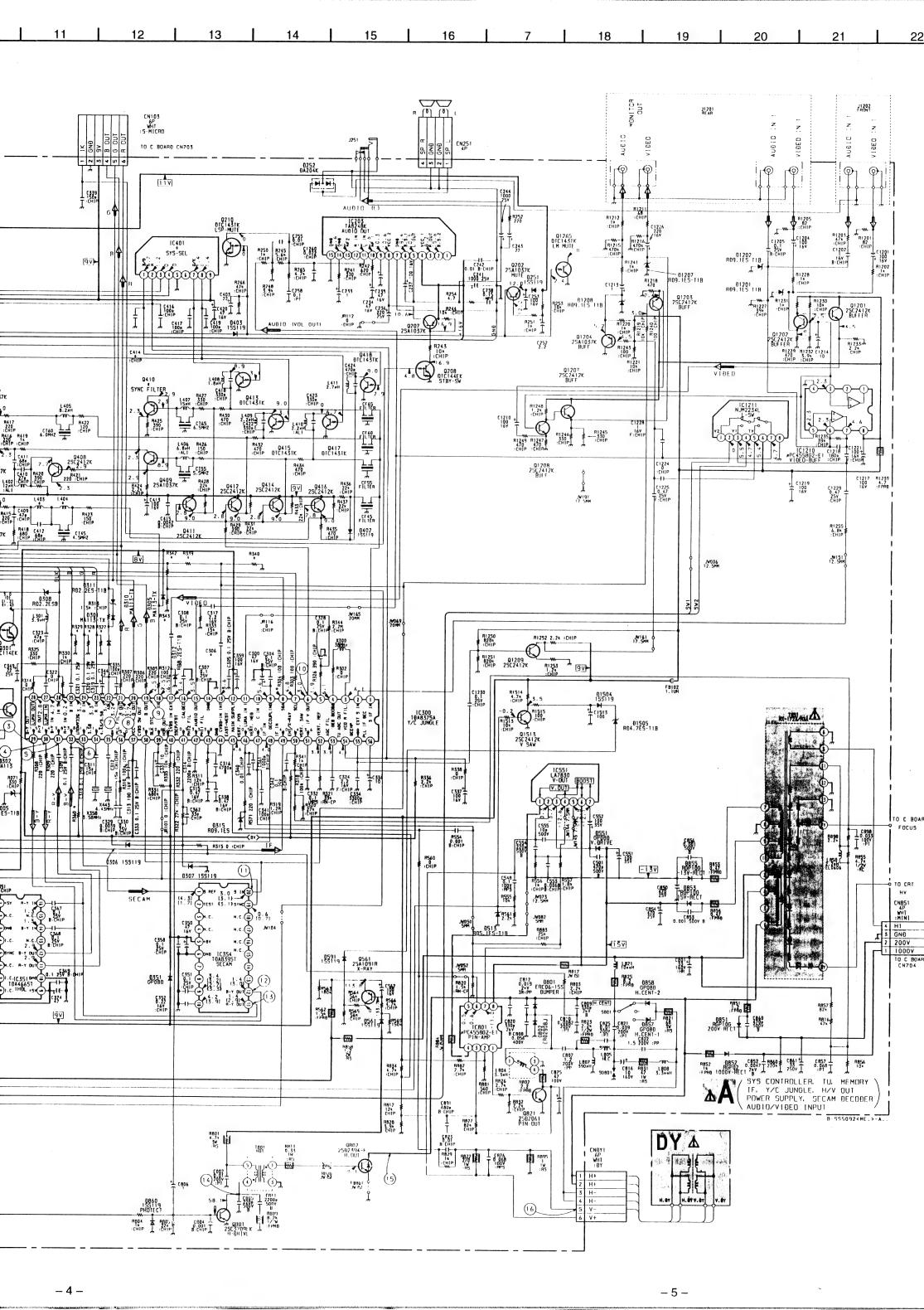
*4-047-806-01 CUSHION (UPPER) (ASSY) (KV-G25M1) *4-047-807-01 CUSHION (LOWER) (ASSY) (KV-G25M1)

*4-047-808-01 INDIVIDUAL CARTON (KV-G25M1)

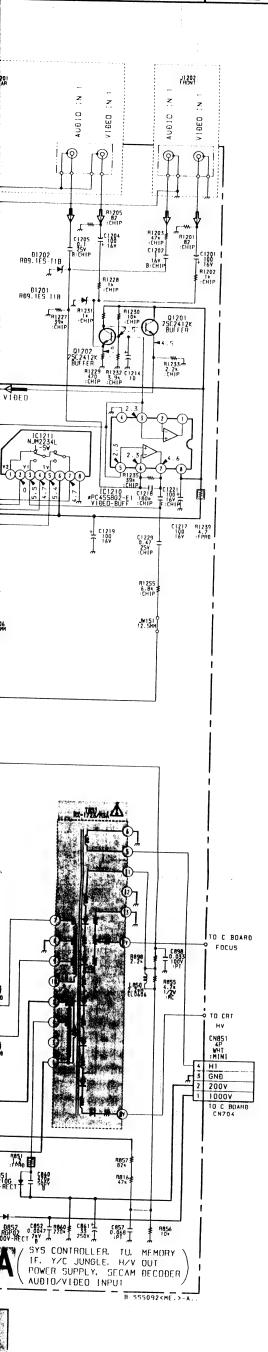
A BOARD WAVEFORMS







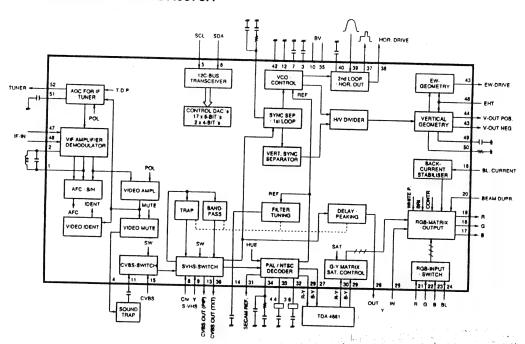
20 | 21 | 22



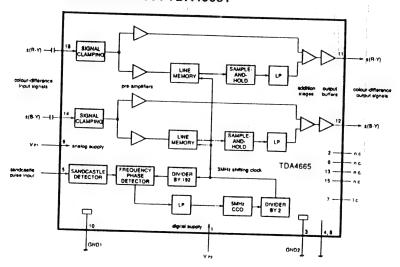
A BOARD * MARK LIST

	KV-G25M1	KV-G25M11
C018	100 :CHIP	NOT USED
C051	NOT USED	100p :CHIP
C306	0.1 25V :CHIP	0 :CHIP
CN106	NOT USED	12P :B TO B
JR103	NOT USED	0 :CHIP
R020	NOT USED	100 :CHIP
R327	0 :CHIP	150 :CHIP
R328	0 :CHIP	150 :CHIP
R329	0 :CHIP	150 :CHIP
R339	300 :CHIP	NOT USED
R340	270 :CHIP	NOT USED
R342	NOT USED	300 :CHIP
R343	NOT USED	270 :CHIP
R612	0.47 :FPRD	0.1 :FUSE
R618	NOT USED	0.1 :FUSE
R635	NOT USED	22 2W :RS

A BOARD IC300 TDA8375A



A BOARD IC351 TDA4665T

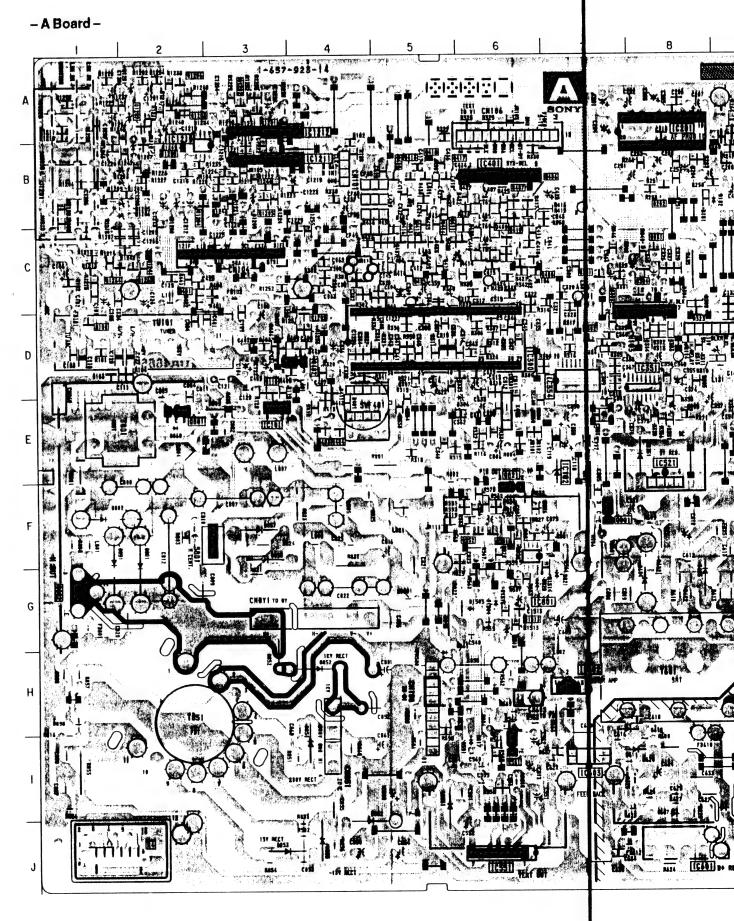


SYS CONTROLLER, TU, MEMORY, IF, Y/C JUNGLE, H/V OUT POWER SUPPLY, SECAM DECORDER, AUDIO/VIDEO INPUT

PRINTED WIRING BOARD

Α	BO	AR	D
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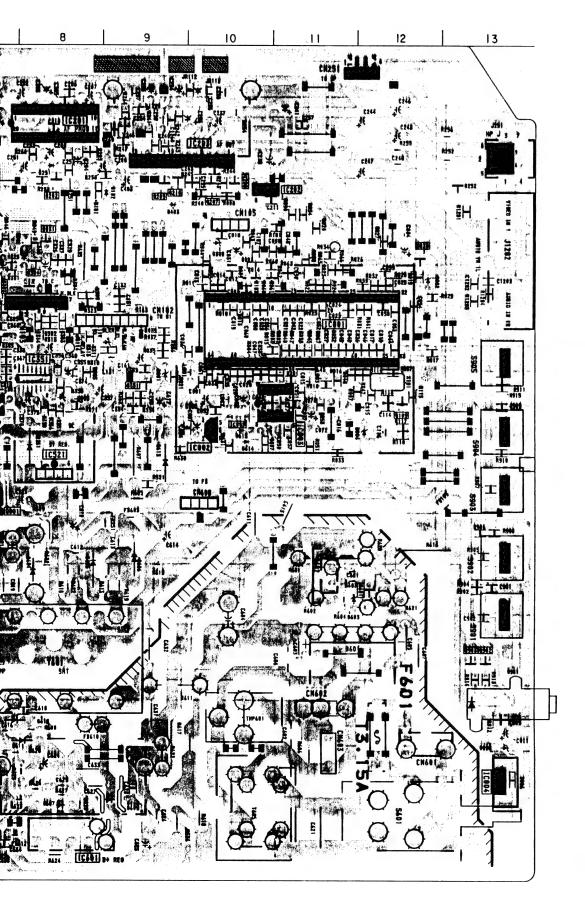
A BOARD			5015	E-10				
IC IC001 D-11 IC002 E-10 IC003 E-11 IC004 I-13 IC005 E-10 IC101 E-3 IC102 E-7 IC201 A-8 IC202 B-10 IC203 B-10 IC300 D-6 IC351 D-8 IC354 D-7 IC401 B-6	Q821 Q902 Q903 Q1201 Q1202 Q1203 Q1204 Q1205 Q1206 Q1207 Q1208 Q1209 Q1264 Q1265 Q1513	F-6 H-13 A-3 A-3 A-2 B-3 A-2 B-2 B-4 C-1 C-2 G-6	D615 D801 D802 D820 D821 D851 D851 D853 D855 D857 D858 D860 D891 D901 D1201 D1201 D1202 D1203	F-2 F-1 G-6 G-7 H-4 J-3 J-4 F-3 E-2 F-1 H-13 A-2 B-2 B-2				
IC521 E-8 IC551 J-6 IC601 J-8 IC602 H-7 IC603 I-7 IC801 G-6 IC1210 A-2 IC1211 B-3 IC1212 A-3	D001 D002 D003 D004 D005 D006 D007 D008	D-9 C-12 C-10 E-12 E-8 I-13 E-10	D1204 D1205 D1206 D1207 D1208 D1209 D1504 D1505	A-2 B-2 B-2 B-2 B-3 G-6 G-6				
TRANSISTOR	D101 D102	B-8 B-9						
Q001 F-7 Q030 C-12 Q031 C-8 Q108 D-1 Q109 E-12 Q110 D-3 Q202 B-8 Q207 B-10 Q208 B-10 Q209 B-9 Q210 B-9 Q210 B-9 Q301 C-7 Q302 D-7 Q303 C-7 Q304 C-8 Q351 D-9 Q401 C-2 Q402 D-4 Q403 E-4 Q404 E-4 Q405 C-5 Q406 B-6 Q407 B-6 Q407 B-6 Q408 C-6 Q409 C-6 Q410 B-6 Q411 B-5 Q412 C-5 Q413 B-5 Q414 C-5 Q413 B-5 Q414 C-5 Q415 B-5 Q416 C-5 Q417 B-5 Q418 B-5 Q417 B-5 Q418 B-5 Q418 B-5 Q416 C-5 Q417 B-5 Q418 B-5 Q417 B-5 Q418 B-5 Q416 C-5 Q417 B-5 Q418 B-5 Q416 C-5 Q417 B-5 Q418 B-5 Q552 F-6 Q561 I-6 Q601 G-12 Q801 E-2 Q802 G-1	D103 D251 D252 D301 D302 D303 D304 D305 D306 D307 D308 D309 D310 D311 D312 D313 D314 D315 D351 D401 D402 D403 D513 D551 D561 D562 D581 D562 D581 D562 D581 D606 D607 D606 D607 D609 D610 D611 D613 D614	D-1 B-1 B-17 B-17 D-18 D-18 D-18 D-18 D-18 D-18 D-18 D-18						



Schematic diagram

A board-

-7-





NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

SECTION 9 ELECTRICAL PARTS LIST



NOTE:

Les composants identifies par une trame et une marque Δ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

- The components identified by
 \[
 \begin{align*}
 \text{in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- · All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

- CAPACITORS PF : μμ F
- There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

		• F : no	onflammat	ole							
REF. NO.	PART NO.	DESCRIPTION		R	REMARK	REF. NO.	PART NO.	DESCRIPTION		J	REMARK
	* A-1297-773-A	A BOARD, COM		KV-G25N	M11)	C051	1-163-117-00	CERAMIC CHIP	100PF	5% (K)	50 V V-G25M11)
	* A-1297-768-A	A BOARD, CO!		KV-G25N	M1)	C052 C053 C055		CERAMIC CHIP CERAMIC CHIP ELECT		10% 10% 20%	25V 50V 16V
	4-039-460-01 4-382-854-11	CONNECTOR PI HOLDER, FBT SCREW (M3X10) SCREW +BVTP 3), P, SW (+) E2 IT-3		C056 C057 C058 C059 C060	1-163-243-11 1-163-117-00 1-163-117-00	CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP CERAMIC CHIP	47PF 100PF 100PF	10% 5% 5% 5% 10%	50V 50V 50V 50V
		<capacitor></capacitor>				C061		CERAMIC CHIP		200	16 V
C001 C002 C003	1-126-965-11 1-163-117-00	CERAMIC CHIP	22MF 100PF	20% 5%	50V 50V 50V	C072 C074 C101 C105		CERAMIC CHIP CERAMIC CHIP		20% 10% 20%	16V 50V 50V 16V
C004 C007	1-126-961-11 1-124-902-00		2.2MF 0.47MF	20% 20%	50V 50V	C106	1-124-907-11		10MF	20%	50 V
C008	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C108 C109	1-126-942-61 1-163-017-00	ELECT CERAMIC CHIP	1000MF 0.0047MF	20% 10%	16 V 50 V
C009 C010	1-163-133-00	CERAMIC CHIP CERAMIC CHIP	470PF	5% 10%	50V 50V	C110 C111	1-136-165-00		0.1MF	5% 10%	50 V 50 V
C011 C012	1-126-967-11		47MF	20% 5%	16V 50V	C114	1-163-117-00	CERAMIC CHIP	100PF	5%	50 V
C013	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C115 C116	1-163-093-00 1-136-165-00	CERAMIC CHIP	10PF 0.1MF	5% 5%	50 ∨ 50 ∨
C014	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C117	1-163-117-00	CERAMIC CHIP	100PF	5%	50 V
C015 C016	1-101-884-00 1-101-884-00		56PF 56PF	5% 5%	50V 50V	C118	1-126-965-11	ELECT	22MF	20%	50 V
C 017	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C119 C120	1-163-059-00 1-130-493-00	CERAMIC CHIP	0.01MF 0.068MF	5%	50 ∨ 50 ∨
C018	1-163-117-00	CERAMIC CHIP	100PF	5%	50V /-G25M11)	C121	1-130-493-00	MYLAR	0.068MF	5%	50 V
C019		CERAMIC CHIP		10%	50V	C124	1-104-665-11 1-164-004-11	CERAMIC CHIP	100MF 0.1MF	20% 10%	16 V 25 V
C020 C021		CERAMIC CHIP CERAMIC CHIP		10% 10%	50V 50V	C125	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25~
C022		CERAMIC CHIP		10%	50 V	C127 C128	1-163-077-00	CERAMIC CHIP CERAMIC CHIP	0.1MF	10% 10%	25 V 25 V
C023		CERAMIC CHIP		10%	50V	C233	1-124-903-11	ELECT	1MF	20%	50 ~
C024 C025		CERAMIC CHIP CERAMIC CHIP		10% 10%	50V 50V	C234	1-126-967-11	ELECT	47MF	20%	16~
C026 C027	1-163-009-11	CERAMIC CHIP CERAMIC CHIP	0.001MF	10% 10%	50V 50V	C235 C236	1-126-967-11 1-126-968-11		47MF 100MF	20% 20%	16 V 35 V
						C237	1-104-665-11	ELECT	100MF	20%	16~
C028 C029		CERAMIC CHIP		10% 10%	50V 50V	C238 C241	1-136-167-00 1-126-942-61		0.15MF 1000MF	5% 20%	50 V 25 V
C034 C035	1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.1MF	10% 10%	25V 50V	C242	1_164_232_11	CERAMIC CHIP		10%	50~
C036		CERAMIC CHIP		10%	50 V	C243	1-128-551-11	ELECT	22MF	20%	25~
C037	1-163-117-00	CERAMIC CHIP	100PF	5%	50 V	C244 C253	1-126-942-61 1-104-665-11		1000MF 100MF	20% 20%	25 V 16 V
C038 C040		CERAMIC CHIP CERAMIC CHIP		5% 5%	50V 50V	C255	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50~
C042	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C258	1-130-495-00		0.1MF	5%	50~
C 044	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	C300 C304	1-126-967-11 1-164-004-11	ELECT CERAMIC CHIP	47MF 0.1MF	20% 10%	16 ~ 25 ~
C045	1-163-117-00	CERAMIC CHIP	100PF	5%	50V 50V	C305	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25~
C046 C047	1-163-117-00	CERAMIC CHIP CERAMIC CHIP	100PF	5% 5%	50V	C306	1-104-004-11	CERAMIC CHIP	U.IMP	10% (K	25 ♥ (V. G 25M1)
C048 C049	1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.1MF	10% 10%	25V 25V	C306	1-216-295-91	CONDUCTOR, C	HIP (KV-C		
C050	1-124-903-11		1MF	20%	50V	C307 C308	1-164-004-11	CERAMIC CHIP CERAMIC CHIP	0.1MF	10% 10%	25 V 25 V



Les composants identifies par une trame et une marque $extstyle \Delta$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark ∆ are critical for safety.
Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		<u>F</u>	REMARK
C309 C310		CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	10% 10%	25V 25V	C424 C501	1-102-228-00		470PF	5% 10%	50V 500V
C311	1-163-231-11	CERAMIC CHIP 15PF	5%	50V	C523 C548	1-104-665-11 1-106-220-00		100MF 0.1MF	20% 10%	16V 100V
C312	1-163-231-11	CERAMIC CHIP 15PF	5%	50V				100145	000	2.51
C313	1-104-665-11	ELECT 100MF	20%	16V 50V	C551 C552	1-126-968-11 1-126-968-11		100MF 100MF	20% 20%	35V 35V
C314 C315	1-164-161-11	CERAMIC CHIP 0.0022MF CERAMIC CHIP 0.47MF	10%	16V	C552		CERAMIC CHIP			50V
0313	1 105 520 11			_	C554	1-102-244-00	CERAMIC	220PF	10%	500 V
C316	1-102-125-00		10%	50V	C555	1-101-804-00	CERAMIC	10PF	5%	500V
C317 C319		CERAMIC CHIP 2.2MF CERAMIC CHIP 0.1MF	10%	16V 25V	C562	1-104-665-11	ELECT	100MF	20%	16V
C320	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	C601	1-162-318-11	CERAMIC		10%	500V
C321	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25 V	C602 C603	1-102-050-00 1-161-830-00		0.01MF 0.0047MF		500 V 500 V
C322	1-216-295-91	CONDUCTOR, CHIP			C604		ELECT(SOLID) 4		20%	400 V
C323	1-163-243-11	CERAMIC CHIP 47PF	5%	50V				0.00.453.65		*****
C324 C325		CERAMIC CHIP 2.2MF CERAMIC CHIP 10PF	5%	16V 50V	C606 C608	1-161-830-00 1-104-332-11		0.0047MF 470PF	10%	500V 2KV
C326		CERAMIC CHIP 12PF	5%	50V	C609	1-124-347-00		100MF	20%	160V
					C610	1-126-943-11		2200MF	20%	25V
C327 C328		CERAMIC CHIP 10PF CERAMIC CHIP 0.1MF	5% 10%	50V 25V	C611 ∆	1-104-985-51	CERAMIC	470PF	10%	400V
C329		CERAMIC CHIP 0.0039MF		50 V	C612	1-102-228-00	CERAMIC	470PF	10%	500V
C330	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	C613	1-102-824-00		470PF	5%	50V
C331	1-124-907-11	ELECT 10MF	20%	50 V	C614 C616	1-126-943-11 1-102-228-00		2200MF 470PF	20% 10%	25V 500V
C332	1-136-165-00	FILM 0.1MF	5%	50V	C618		CERAMIC CHIP		10%	50V
C333		CERAMIC CHIP 0.1MF	10%	25V	0610	1 1/2 11/ 00	GED ANG	COODE	100	2KV
C334 C335	1-164-182-11 1-102-973-00	CERAMIC CHIP 0.0033MF CERAMIC 100PF	10% 5%	50V 50V	C619 C621	1-162-116-00 1-104-705-51		680PF 0.1 MF	10%	250V
C336	1-124-907-11		20%	50V	C622	1-106-383-00	MYLAR	0.047MF	10%	200V
G225		71 F.C. 1001 CF	200	1.637	C623	1-124-120-11		220MF	20%	16V 16V
C337 C338	1-104-665-11	ELECT 100MF CERAMIC CHIP 0.47MF	20% 10%	16V 16V	C624	1-126-942-61	ELECT	1000MF	20%	10 V
C339	1-163-121-00	CERAMIC CHIP 150PF	5%	50V	C625	1-102-074-00			10%	50V
C340		CERAMIC CHIP 0.001MF	10%	50V	C627	1-162-116-00		680PF 470PF	10% 10%	2KV 400V
C341	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C630	1-104-985-51 1-161-830-00		0.0047MF	10%	500V
C342		CERAMIC CHIP 0.1MF	10%	25V		1-104-985-51		470PF	10%	400V
C344	1-126-963-11		20% 20%	50V 25V	C633	1-161-754-00	CEDAMIC	0.001MF	10%	3KV
C349 C350	1-128-551-11 1-126-967-11		20%	16V	C634		CERAMIC CHIP		10%	50V
C351		CERAMIC CHIP 0.1MF	10%	25V	C801	1-123-024-21		33MF	400	160V
C352	1 164 490 11	CERAMIC CHIP 0.22MF	10%	16V	C802 C804	1-106-367-00	MYLAR CERAMIC CHIP	0.01MF	10% 10%	200V 50V
C358		CERAMIC CHIP 0.1MF	10%	25 V	2004	1 103 003 11	con une cim	0.0011111	10.0	
C359	1-104-665-11		20%	16V	C805	1-102-244-00		220PF	10% 20%	500V 50V
C361 C362		CERAMIC CHIP 0.001MF CERAMIC CHIP 22PF	10% 5%	50V 50V	C806 C807	1-124-903-11 1-136-540-11		1MF 0.82MF	5%	200V
	1-105-101-00	CERTAINE CHA 2211			C808	1-130-895-00	FILM	0.056MF	10%	400 V
C367		CERAMIC CHIP 0.1MF	10% 10%	25V 25V	C809	1-162-115-00	CERAMIC	330PF	10%	2KV
C368 C369		CERAMIC CHIP 0.1MF CERAMIC CHIP 0.1MF	10%	25 V	C810	1-106-365-00	MYLAR	0.0082MF		200 V
C370	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	C811	1-162-318-11	CERAMIC	0.001MF	10%	500V
C374	1-124-910-11	ELECT 47MF	20%	50 V	C812 C816	1-136-617-11 1-123-947-00		0.019MF 10MF	3% 20%	2KV 160V
C375	1-124-910-11	ELECT 47MF	20%	50V	C820	1-162-115-00		330PF	10%	2KV
C402	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	Cent	1-106-391-12	MVIAD	O IME	10%	200 V
C403 C405	1-126-965-11	ELECT 22MF CERAMIC CHIP 0.0047MF	20% 10%	50V 50V	C821 C822	1-136-541-11		0.1MF 1.5MF	5%	200 V
C406		CERAMIC CHIP 0.0047MF		50V	C823	1-164-232-11	CERAMIC CHIP	0.01 MF	10%	50 V
C407	1 162 017 00	CERAMIC CHIP 0.0047MF	100%	50V	C825 C850	1-106-367-00 1-124-480-11		0.01MF 470MF	10% 20%	200V 25V
C407		CERAMIC CHIP 0.0047MF		50V	C030	1-124-460-11	LLECT	470IVIL	2070	234
C409	1-163-109-00	CERAMIC CHIP 47PF	5%	50V	C852	1-104-574-11		0.0047MF		2KV
C410 C411		CERAMIC CHIP 27PF CERAMIC CHIP 68PF	5% 5%	50V 50V	C853 C854	1-162-318-11 1-124-480-11		0.001MF 470MF	10% 20%	500V 25V
	1-103-113-00	CERTAIN CHII OOF	5 70		C856	1-162-318-11	CERAMIC	0.001MF	10%	500 V
C412		CERAMIC CHIP 68PF	5%	50V	C857	1-136-165-00	FILM	0.1 MF	5%	50 V
C413 C414	1-104-665-11	I ELECT 100MF CERAMIC CHIP 100PF	20% 5%	16V 50V	C860	1-102-228-00	CERAMIC	470PF	10%	500V
C415	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	C861	1-107-654-11	ELECT	33MF	20%	250V
C416	1-163-117-00	CERAMIC CHIP 100PF	5%	50 V	C875	1-124-910-11 1-108-702-11		47MF 0.068MF	20% 10%	50 V 100 V
C417	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	C876 C891		CERAMIC CHIP		10%	50V
C418	1-163-129-00	O CERAMIC CHIP 330PF	5%	50V						
C419 C420	1-163-117-0 1-126-967-1	0 CERAMIC CHIP 100PF 1 ELECT 47MF	5% 20%	50V 16V	C898 C901	1-108-702-11 1-163-133-00	MYLAR CERAMIC CHIP	0.068MF 470PF	10% 5%	100 V 50 V
C422		O CERAMIC CHIP 330PF	5%	50V	C902	1-163-133-00	CERAMIC CHIP	470PF	5%	50 V
C423	1 163 130 0	O CED AMIC CHID 220DE	5%	50V	C1201 C1202	1-104-665-11	ELECT CERAMIC CHIP	100MF	20% 10%	16 V 25 V
C743	1-103-129-0	0 CERAMIC CHIP 330PF	370	30♥	1202	1-10-100-11	CERAMIC CHIP	O, IMI	10 /0	<i>₽</i> , ₹

The componants identified by shading and mark $ilde{\Delta}$ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque Λ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C1204 C1205 C1210 C1213	1-104-665-11 1-164-004-11 1-104-665-11 1-124-903-11	CERAMIC CHIP ELECT	100MF 0.1MF 100MF 1MF	20% 10% 20% 20%	16V 25V 16V 50V	D561 D591 D601	8-719-911-19	DIODE 1SS119-25 DIODE 1SS119-25 DIODE LN4SB60	
C1214 C1217	1-124-907-11 1-104-665-11	ELECT	10MF 100MF	20% 20%	50V 16V	D602 D603 D604	8-719-108-18 8-719-110-36	THYRISTOR 5P6M DIODE RD13ESB2 DIODE RU4DS	
C1218 C1219 C1221 C1224	1-104-665-11 1-164-005-11	CERAMIC CHIP ELECT CERAMIC CHIP CONDUCTOR, C	100MF 0.47MF	5% 20%	50V 16V 25V	D605 D606 D607 D609	8-719-510-73 8-719-510-26	DIODE S3L20UF4 DIODE S3L20UF4 DIODE D1NL20-TA DIODE D1NL20-TA	
C1225 C1226 C1228 C1229	1-124-120-11 1-164-346-11 1-164-005-11	CERAMIC CHIP CERAMIC CHIP	220MF 1MF 0.47MF	20%	25V 16V 16V 25V	D610 D611 D801	8-719-510-26 8-719-510-26 8-719-945-80	DIODE D1NL20-TA DIODE D1NL20-TA DIODE ERC06-15S	
C1230 C1260 C1513		CERAMIC CHIP ELECT		10% 10% 20%	25V 50V 50V	D802 D851 D852	8-719-302-43	DIODE ERD29-08J DIODE EL1Z DIODE RGP02-17EL-6433	
CISTS	1 124 122 11	<filter></filter>	100	2070	20.	D853 D855 D857	8-719-302-43 8-719-908-03	DIODE EL1Z DIODE GP08D	
CF45 CF55	1-567-099-00	FILTER, CERAM FILTER, CERAM	IIC .			D858 D860	8-719-911-19	DIODE GP08D DIODE 1SS119-25	
CF60 CF65		FILTER, CERAM FILTER, CERAM <connector></connector>	IIC			D891 D901 D1201 D1202 D1207	8-719-054-60 8-719-121-24 8-719-121-24	DIODE ERCO6-15S DIODE LNK0220022G DIODE RD9.1ESL DIODE RD9.1ESL DIODE RD9.1ESL	
		PLUG, CONNEC PLUG, CONNEC	TOR (2.5M	IM) 4P		D1207 D1208 D1504	8-719-121-24	DIODE RD9.1ESL DIODE 1SS119-25	
CN106	* 1-770-747-11	CONNECTOR, B	OARD TO	BOAR (K	D 12P (V-G25M11)	D1505		DIODE RD4.7ESB2	
		PIN, CONNECTO		R)				<fuse></fuse>	
CN603	*1-508-786-00	PIN, CONNECTO PIN, CONNECTO PIN, CONNECTO	OR (5mm P	ITCH) 2	2P	F601 A		FUSE, TIME-LAG (BET) 3.15. CLIP, FUSE; F601	4/250V
		<trimmer></trimmer>				8 9 9 9 9 8		<ferrite bead=""></ferrite>	
CT45 CT55 CT60 CT65	1-404-801-11 1-409-429-11	TRAP, CERAMIO TRAP, CERAMIO TRAP, CERAMIO TRAP, CERAMIO	C)		FB101 FB102 FB251 FB601 FB603	1-410-397-21 1-410-397-21 1-410-397-21	FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR	1.1UH 1.1UH 1.1UH
		<diode></diode>				FB610 FB612 FB801	1-410-397-21	FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR	1.1UH
D001 D002 D003	8-719-911-19 8-719-041-97	DIODE RD4.7ES DIODE 1SS119-2 DIODE MA113-(25 TX)					<ic></ic>	
D005 D008		DIODE RD5.1ES DIODE RD5.6ES				IC001		IC CXP85116B-642S	
D103 D251 D252 D301 D305	8-719-911-19 8-719-914-42 8-719-041-97	DIODE DA204K DIODE 1SS119-2 DIODE DA204K DIODE MA113-0 DIODE MA113-0	25 (TX)			IC002 IC003 IC004 IC102	8-759-805-37 8-759-093-95	CASE (A), SHIELD; IC001 IC L78LR05D-MA IC CAT24C04P ELEMENT,RAY-CATCHER S IC uPC574J	BX1790- 11
D306 D307 D308 D310 D311	8-719-911-19 8-719-911-19 8-719-109-54 8-719-041-97	DIODE 1SS119-2 DIODE 1SS119-2 DIODE RD2.2ES DIODE MA113-1 DIODE RD3.6ES	25 25 (B2 (TX)			IC203 IC300 IC351 IC354 IC401	8-759-365-26 8-759-288-85	IC TA8223K IC TDA8375A IC TDA4665T-T IC TDA8395T IC LA7910	
D312 D315 D351 D399	8-719-110-08 8-719-121-24 8-719-908-03 8-719-121-24	DIODE RD8.2ES DIODE RD9.1ES DIODE GP08D DIODE RD9.1ES	BB2 SL			IC521 IC551 IC601 IC602 IC603	8-759-801-98 8-749-010-84 8-749-920-61	IC STR-S6708	
D401 D402 D403 D513 D551	8-719-911-19 8-719-911-19 8-719-109-84	DIODE MA77 DIODE 1SS119- DIODE 1SS119- DIODE RD5.1ES DIODE GP08D	25			IC801 IC1210 IC1211	8-759-100-96	IC uPC4558G2 IC uPC4558G2 IC NJM2234L	



REF. NO. PAI	RT NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	REMARK
		<jack></jack>		Q801	8-729-140-96	TRANSISTOR 25	SD774-34		
J1201 1-7	595-238-11	JACK BLOCK, PIN 4P JACK BLOCK, PIN 2P		Q802 Q821 Q902 Q903 Q1201	8-729-018-99 8-729-421-19 8-729-421-19	TRANSISTOR 25 TRANSISTOR U TRANSISTOR U TRANSISTOR U TRANSISTOR 25	SD2394-F N2213 N2213		
JR103 1-2 JR112 1-2	216-295-91 216-295-91 216-295-91	<chip conductor=""> CONDUCTOR, CHIP CONDUCTOR, CHIP (KV-G25M1) CONDUCTOR, CHIP CONDUCTOR, CHIP CONDUCTOR, CHIP</chip>	1)	Q1202 Q1203 Q1204 Q1207 Q1208	8-729-422-27 8-729-216-22 8-729-422-27	TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25 TRANSISTOR 25	SD601A-Q SA1162-G SD601A-Q		
		<coil></coil>		Q1209 Q1265 Q1513	8-729-424-67	TRANSISTOR 25 TRANSISTOR UTRANSISTOR 25	N2216		
L002 1-4 L003 1-4 L101 1-4	110-509-11 108-411-00 110-470-11	INDUCTOR 1UH INDUCTOR 10UH INDUCTOR 15UH INDUCTOR 10UH INDUCTOR 3,9UH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	R001		<resistor> METAL GLAZE</resistor>		5%	1/10W
L401 1-4 L402 1-4 L403 1-4	110-498-11 110-510-11 110-510-11	INDUCTOR 1.2UH INDUCTOR 12UH INDUCTOR 12UH INDUCTOR 8.2UH		R002 R003 R004 R007	1-216-065-00 1-216-065-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 4.7K 4.7K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W
L405 1-4 L406 1-4 L407 1-4 L408 1-4	\$10-508-11 \$10-507-11 \$10-511-11 \$10-500-11	INDUCTOR 8.2UH INDUCTOR 6.8UH INDUCTOR 15UH INDUCTOR 1.8UH		R008 R009 R010 R012 R013	1-216-049-91 1-216-049-91 1-216-017-91	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 47	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
L410 1-4 L411 1-4 L802 1-4	110-501-11 110-502-11 112-527-11	INDUCTOR 2.2UH INDUCTOR 2.2UH INDUCTOR 2.7UH INDUCTOR 15UH COIL,DYNAMIC CONVERSION C	СНОКЕ	R016	1-216-043-91 1-216-049-91 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	560 1K 2.2K	5%	1/10W 1/10W 1/10W 1/10W 1/10W
L805 1-4	159-907-11	COIL, HORIZONTAL LINEARITY COIL (WITH CORE)		R019 R020	1-216-101-00	METAL GLAZE METAL GLAZE	150K	5% 5%	1/10W 1/10W
L821 1-4	159-111-00	INDUCTOR 3.3mH COIL, DRAM CORE (CDI) INDUCTOR 2.2mH			1-216-065-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	4.7K 2.2K	5% 5% 5% 5%	-G25M11) 1/10W 1/10W 1/10W
		<transistor></transistor>		R028 R029		METAL GLAZE METAL GLAZE			1/10W 1/10W
Q108 8-7 Q109 8-7 Q110 8-7	729-422-27 729-422-27 729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q TRANSISTOR 2SD162-G		R031 R033 R035	1-216-049-91 1-216-049-91 1-216-049-91	METAL GLAZE METAL GLAZE METAL GLAZE	1K 1K 1K	5% 5% 5%	1/10W 1/10W 1/10W
Q207 8-7 Q208 8-7	729-216-22 729-421-19	TRANSISTOR 2SA1162-G TRANSISTOR UN2213 TRANSISTOR UN2216		R038 R040 R041 R042	1-216-033-00 1-216-033-00 1-216-025-91	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	220 220 100	5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W
Q301 8-7	729-421-22	TRANSISTOR UN2211 TRANSISTOR 2SD601A-Q		R045		METAL GLAZE			1/10W
Q403 8-7 Q404 8-7	729-424-67 729-424-67	TRANSISTOR 2SC2410SN TRANSISTOR UN2216 TRANSISTOR UN2216 TRANSISTOR 2SA1162-G		R047 R048 R053 R054	1-216-025-91 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 2.2 K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W
Q406 8-7 Q407 8-7 Q408 8-7	729-216-22 729-216-22 729-422-27	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q		R057 R060 R061 R062	1-216-037-00 1-216-057-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	330 2.2K 2.2K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W
Q410 8-7	729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q		R063 R065 R066	1-216-033-00	METAL GLAZE METAL GLAZE METAL GLAZE	220	5% 5% 5%	1/10W 1/10W 1/10W
Q413 8-7 Q414 8-7 Q415 8-7	729-424-67 729-422-27 729-424-67	TRANSISTOR 2SD601A-Q TRANSISTOR UN2216 TRANSISTOR 2SD601A-Q TRANSISTOR UN2216		R067 R068 R071	1-216-033-00 1-216-025-91 1-216-037-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 100 330	5% 5% 5%	1/10W 1/10W 1/10W
Q417 8-7 Q418 8-7 Q561 8-7	729-424-67 729-424-67 729-200-17	TRANSISTOR 2SD601A-Q TRANSISTOR UN2216 TRANSISTOR UN2216 TRANSISTOR 2SA1091-O TRANSISTOR 2SD601A-Q		R076 R077 R090 R101 R102	1-216-025-91 1-216-073-00 1-216-065-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	100 10 K 4.7 K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W



REF. NO.	PART NO.	DESCRIPTION	. 1	REMARK :	REF. NO.	PART NO.	DESCRIPTION			REMARK
		METAL GLAZE 22K	5%	1/10W	R344		METAL GLAZE	2.2M	5%	1/10W
R113 R114 R115 R116	1-216-041-00 1-216-081-00 1-216-081-00	METAL GLAZE 470 METAL GLAZE 22K METAL GLAZE 22K	5% 5% 5%	1/10W 1/10W 1/10W	R351 R355	1-216-001-00 1-216-001-00	METAL GLAZE METAL GLAZE	10 10	5% 5%	1/10W 1/10W
R117 R118	1-216-081-00	METAL GLAZE 22K METAL GLAZE 22K	5% 5% 5%	1/10W 1/10W 1/10W	R356 R360 R403	1-208-291-11	METAL GLAZE METAL GLAZE METAL GLAZE	4.7M	5% 5% 5%	1/10W 1/10W 1/10W
R119 R120 R131 R180	1-216-109-00 1-216-464-11	METAL GLAZE 1.8K METAL GLAZE 330K METAL OXIDE 18K METAL GLAZE 220	5% 5% 5% 5%	1/10W 1/10W 2W F 1/10W	R406 R407 R408	1-216-063-91 1-216-055-00	METAL GLAZE METAL GLAZE METAL GLAZE	3.9 K 1.8 K	5% 5% 5%	1/10W 1/10W 1/10W
R181 R182 R241	1-216-033-00	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 330	5% 5% 5%	1/10W 1/10W 1/10W	R409 R410 R411	1-216-073-00	METAL GLAZE METAL GLAZE METAL GLAZE	10 K	5% 5%	1/10W 1/10W 1/10W
R242 R243 R244	1-216-073-00	METAL GLAZE 620 METAL GLAZE 10K METAL GLAZE 10K	5% 5%	1/10W 1/10W 1/10W	R412 R413 R414 R415	1-216-057-00 1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE METAL GLAZE	2.2K 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W
R245 R248 R250 R251	1-216-067-00 1-216-063-91 1-216-049-91	METAL GLAZE 5.6K METAL GLAZE 3.9K METAL GLAZE 1K CONDUCTOR, CHIP	5% 5% 5%	1/10W 1/10W 1/10W	R416 R417 R418	1-216-033-00 1-216-033-00 1-216-045-00	METAL GLAZE METAL GLAZE METAL GLAZE	220 220 680	5% 5% 5% 5%	1/1 0W 1/1 0W 1/1 0W 1/1 0W
R252 R253 R254	1-249-411-11 1-216-073-00 1-249-389-11	METAL GLAZE 10K	5% 5% 5%	1/4W 1/10W 1/4W	R419 R420 R421	1-216-039-00	METAL GLAZE METAL GLAZE METAL GLAZE	390	5% 5%	1/10W 1/10W
R265 R266	1-216-065-00 1-216-089-91	METAL GLAZE 4.7K METAL GLAZE 47K	5% 5%	1/10W 1/10W	R422 R423 R424	1-216-027-00 1-216-029-00 1-216-057-00	METAL GLAZE METAL GLAZE METAL GLAZE	120 150 2.2K	5% 5% 5%	1/1 0W 1/1 0W 1/1 0W
R302 R303 R304 R305	1-216-025-91 1-216-025-91	CONDUCTOR, CHIP METAL GLAZE 100 METAL GLAZE 100 METAL GLAZE 100	5% 5% 5%	1/10 W 1/10 W 1/10 W	R425 R426 R427	1-216-029-00	METAL GLAZE METAL GLAZE METAL GLAZE	150	5% 5% 5%	1/1 OW 1/1 OW 1/1 OW
R306 R307	1-216-025-91 1-216-025-91	METAL GLAZE 100 METAL GLAZE 100	5% 5%	1/10 W 1/10 W	R428 R429 R430	1-216-081-00 1-216-039-00	METAL GLAZE METAL GLAZE METAL GLAZE	22 K 390	5% 5% 5%	1/1 OW 1/1 OW 1/1 OW
R308 R309 R310 R311	1-216-033-00 1-216-097-91	METAL GLAZE 220 METAL GLAZE 220 METAL GLAZE 100K METAL GLAZE 12K	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	R431 R432 R433	1-216-041-00 1-216-081-00	METAL GLAZE METAL GLAZE METAL GLAZE	470 22K	5% 5% 5%	1/1 0W 1/1 0W 1/1 0W
R312 R313 R314	1-216-089-91	METAL GLAZE 100 METAL GLAZE 47K CONDUCTOR, CHIP	5% 5%	1/10W 1/10W	R434 R435 R436	1-216-041-00	METAL GLAZE METAL GLAZE METAL GLAZE	470	5% 5%	1/1 OW 1/1 OW 1/1 OW
R315 R318	1-216-295-91	CONDUCTOR, CHIP METAL GLAZE 120K	5%	1/10 W	R437 R440 R521	1-216-081-00 1-216-029-00 1-216-049-91	METAL GLAZE METAL GLAZE METAL GLAZE	22K 150 1K	5% 5% 5%	1/1 OW 1/1 OW 1/1 OW
R319 R320 R321 R322	1-216-083-00 1-216-689-11	METAL GLAZE 1.2M METAL GLAZE 27K METAL CHIP 39K METAL GLAZE 27K	5% 5% 0.50% 5%	1/10W 1/10W 1/10W 1/10W	R552 R553 R554	1-216-089-91	METAL GLAZE CERAMIC CHIP	47K	5% 5% 10%	1/ 1 0W 1/ 1 0W 50 ℃
R325 R326	1-216-037-00 1-216-039-00	METAL GLAZE 330 METAL GLAZE 390	5% 5%	1/10W 1/10W	R555 R556 R557	1-249-429-11 1-216-049-91		10 K 1 K	5% 5% 5%	1/4 W 1/1 0W 1/1 0W
R327 R327 R328	1-216-295-91	METAL GLAZE 150 CONDUCTOR, CHIP (KV-0) METAL GLAZE 150		1/10W V-G25M11) 1/10W	R560 R561 R562	1-216-295-91 1-249-421-11 1-249-420-11		CHIP 2.2K 1.8K	5% 5%	1/4W 1/4W F
R328		CONDUCTOR, CHIP (KV-	(K	V-G25M11)		1-247-885-00		180K	5% 5%	1/4W 1/1 0W
R329		METAL GLAZE 150		1/10W V-G25M11)	R565 R566	1-216-065-00	METAL GLAZE METAL GLAZE		5% 5%	1/1 OW 1/1 OW
R329 R330 R331	1-216-049-91 1-216-115-00	CONDUCTOR, CHIP (KV- METAL GLAZE 1K METAL GLAZE 560K	5% 5%	1/10W 1/10W	R569 R570 R571		CARBON CONDUCTOR, C METAL GLAZE		5% 5%	1/4W 1/1 OW
R332 R333 R335	1-216-077-00	METAL GLAZE 220 METAL GLAZE 15K METAL GLAZE 10K	5% 5% 5%	1/10W 1/10W 1/10W	R603 R604 R606	1-249-416-11 1-249-416-11 1-215-915-11		820 820 470	5% 5% 5%	1/4W F 1/4W F 3W F
R336 R338 R339	1-216-057-00 1-216-295-91	METAL GLAZE 2.2K CONDUCTOR, CHIP METAL GLAZE 300	5% 5%	1/10W 1/10W	R610 R611	1-215-924-00 1-202-933-61	METAL OXIDE FUSIBLE	15K 0.1	5% 10%	3W F 1/2W F
R340	1-216-035-00) METAL GLAZE 270	5%	KV-G25M1) 1/10W	R612 R612	1-219-134-11 1-249-377-11		0.1	10% (K 5%	/4W V-G25M11) /4W F
R341 R342	1-216-049-91	METAL GLAZE 1K METAL GLAZE 300	5% 5%	KV-G25M1) 1/10W 1/10W	R613 R614	1-219-134-11 1-215-877-11	FUSIBLE METAL OXIDE	0.1 22K	10% 5%	KV-G25M1) /4W ₩ F
R343) METAL GLAZE 270	5%	(V-G25M11) 1/10W (V-G25M11)		1-249-389-11	CARBON	4.7	5%	1/4W

KV-G25M1/G25M11



Les composants identifies par une trame et une marque Λ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The componants identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R616	L 1-218-265-91	METAL	8.2M	5%	1W	R1206	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R617		METAL OXIDE		5%	3W F	R1211		METAL GLAZE		5%	1/10W
R618	1-219-134-11	FUSIBLE	0.1	10%	1/4W	R1212	1-216-049-91	METAL GLAZE	1K	5%	1/10W
D (10	1 210 124 11	ETTOTE E	0.1		V-G25M11)	D1016	1 217 112 00	METAL OF AZE	4707	r cd	1 (1 0337
R619 R620	1-219-134-11	WIREWOUND	0.1 3.3	10% 5%	1/4W 10W	R1215 R1216		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
K020	1-202-902-11	WIREWOUND	3.3	5 70	1011	R1218		METAL GLAZE		5%	1/10W
R622	1-217-191-21	WIREWOUND	0.18	10%	2W F			METAL GLAZE		5%	1/10W
R623	1-247-807-31		100	5%	1/4W	R1220	1-216-049-91	METAL GLAZE	1 K	5%	1/10W
R624 R625		METAL OXIDE		5% 5%	2W F 1/4W	R1221	1 216 072 00	METAL GLAZE	1012	5%	1/10W
R626	1-249-424-11 1-249-420-11		3.9 K 1.8 K	5%	1/4W	R1227		METAL GLAZE		5%	1/10W
21020	12.7 .20 11	0.1112011	-10	2 /4		R1228		METAL GLAZE		5%	1/10W
R627	1-249-417-11		1K	5%	1/4W	R1229		METAL GLAZE		5%	1/10W
R628 R629	1-249-417-11 1-249-401-11		1 K 47	5% 5%	1/4W 1/4W	R1230	1-216-073-00	METAL GLAZE	10 K	5%	1/10 W
R632	1-249-381-11		1	5%	1/4W	R1231	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R635		METAL OXIDE	22	5%	2W F		1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
				(KV	V-G25M11)			METAL GLAZE		5%	1/10W
R636	1 215 024 00	METAL OXIDE	1.5V	5%	3W F	R1235 R1239	1-249-389-11	METAL GLAZE	39K 4.7	5% 5%	1/10W 1/4W F
R801		METAL OXIDE		5%	3W F	K1239	1-249-309-11	CARBON	4.7	5 70	1/4 W
R802	1-249-387-11		3.3	5%	1/4W F	R1240	1-216-025-91	METAL GLAZE	100	5%	1/10W
R803		METAL GLAZE		5%	1/10W	R1241		METAL GLAZE		5%	1/10W
R804	1-216-049-91	METAL GLAZE	IK	5%	1/10W	R1243 R1245		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R805	1-216-081-00	METAL GLAZE	22K	5%	1/10W	R1246		METAL GLAZE		5%	1/10 W
R809	1-247-756-11		2.2K	5%	1/2W F						
R811		METAL OXIDE		5%	lW F	R1247		METAL GLAZE		5%	1/10W
R812 R816	1-216-075-00	METAL GLAZE	12K 47K	5% 5%	1/10W 1/4W	R1248 R1249		METAL GLAZE METAL GLAZE		5% 5%	1/10 W 1/10 W
Kolu	1-249-437-11	CARBON	4/K	370	1/4 W	R1250		METAL GLAZE		5%	1/10W
R820	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	R1251		METAL GLAZE		5%	1/10W
R821		METAL OXIDE		5%	3W F						4 /4 0 4 4
R822 R823	1-216-429-00 1-247-756-11	METAL OXIDE	270 2.2 K	5% 5%	1W F 1/2W F	R1252 R1253		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W
R825	1-249-392-11		8.2	5%	1/4W F	R1255		METAL GLAZE		5%	1/10W
11020	. 247 372 11	c.m.bo	0.2	5 70		R1513		METAL GLAZE		5%	1/10W
R826		METAL GLAZE		5%	1/10W	R1514	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R827 R828		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W	R1515	1 216 025 01	METAL GLAZE	100	5%	1/10W
R829		METAL GLAZE		5%	1/10W	KISIS	1-210-023-91	METAL OLAZE	100	370	1/10**
R831		METAL OXIDE		5%	IW F						
2000					4 14 0777			<switch></switch>			
R832 R834		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W	S601 2	4 1_571_433_31	SWITCH, PUSH	/AC POWI	7 0 1	
R851	1-249-382-11		1.2	5%	1/4W F	S801		SWITCH, LEVE		-M)	
R852	1-249-417-11	CARBON	1 K	5%	1/4W F	S901	1-570-577-11	SWITCH, PUSH			
R853	1-249-377-11	CARBON	0.47	5%	1/4W F	S902		SWITCH, PUSH			
R854	1-249-377-11	CARRON	0.47	5%	1/4W F	S903	1-5/0-5//-11	SWITCH, PUSH			
R855	1-202-818-00		1K	20%	1/2W	S904	1-570-577-11	SWITCH, PUSH			
R856	1-249-431-11		15 K	5%	1/4W	S905		SWITCH, PUSH			
R857	1-249-438-11		56K	5%	1/4W 2W F						
R858	1-216-3/0-11	METAL OXIDE	1.2	5%	2W F			<spark gap=""></spark>			
R860	1-247-887-00	CARBON	220K	5%	1/4W						
R881	1-216-043-91	METAL GLAZE		5%	1/10W	SG801	1-519-422-11	GAP, SPARK			
R882 R883		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W						
R895		METAL GLAZE		5% 5%	1710 W	5 6		<filter></filter>			
R898	1-249-421-11		2.2K	5%	1/4W	SWF401	1-760-771-11	FILTER, SURFA	CE WAVE		
R902 R904		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W						
R905		METAL GLAZE		5%	1/10W			<transforme< td=""><td>ER></td><td></td><td></td></transforme<>	ER>		
R906		METAL GLAZE		5%	1/10W			~110 H \01 \01 \01			
Door								TRANSFORME			SRT)
R907 R908		METAL GLAZE METAL GLAZE		5% 5%	1/10W 1/10W	T605 Z		TRANSFORMER TRANSFORMER			DDIVE
R909		METAL GLAZE		5%	1/10 W			TRANSFORMER			
R910	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	*****	The second secon	Control of the Contro	and the second s		
R911	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W						
R913	1.216 041 00	METAL GLAZE	470	5%	1/10W			<thermistor< td=""><td>></td><td></td><td></td></thermistor<>	>		
R914) METAL GLAZE) METAL GLAZE		5%	1/10W	THP601	∆ 1-810-961-11	THERMISTOR,	POSITIVE		
R915	1-216-071-00	METAL GLAZE	8.2K	5%	1/10 W				one and the second		
R1201 R1202		METAL GLAZE		5%	1/10W			ZTI INIED.			
11202	1-210-049-91	METAL GLAZE	: 1K	5%	1/10W			<tuner></tuner>			
R1203	1-216-089-91	METAL GLAZE	E 47K	5%	1/10W	TU101	∆ 8-598-323-0 €	TUNER BT-AG4	Ю1		Í
R1205	1-216-023-00	METAL GLAZE	82	5%	1/10 W	1					
						•					



REF. NO.	PART NO.	DESCRIPTION	REMARK
		<crystal></crystal>	
X101 X300 X358 X443	1-411-752-11 1-567-505-11	VIBRATOR, CERAMIC COIL OSCILLATOR, CRYSTAL OSCILLATOR, CRYSTAL	